



Digitized by the Internet Archive
in 2014

<https://archive.org/details/b19974760M3682>

CHEMIST and DRUGGIST

SEPTEMBER 6, 1947

The



CHEMIST AND DRUGGIST

for RETAILER - WHOLESALE - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2.

Registered as a Newspaper

3524
L. CXLVIII

SEPTEMBER 6, 1947

Annual Subscription (with
Diary) 30/- Single Copies 1/-

THE CHILDRENS' CHOICE

Allenburys
T O R C H B R A N D

**MALT
& OIL**



ALLEN & HANBURYS LTD · LONDON · E·2

PHONE : BISHOPSGATE 3201 (12 LINES).

WIRES : GREENBURYS, BETH, LONDON

'OXYCEL'

Absorbable Oxidized Cellulose

'Oxycel' is polyanhydroglucuronic acid in sterile gauze-like form for use in various surgical procedures. On contact with blood it exerts marked hæmostatic action and softens to form a jelly-like mass. Ultimately, it is absorbed by the tissues without interfering with wound healing. When 'Oxycel' is used as packing within incised organs or in visceral beds the wounds may be closed without drainage.

Supplied as individual sterile pads, each in a glass tube at 5/0 per tube.



PARKE, DAVIS & COMPANY
50, Beak Street, London, W.1

Laboratories : Hounslow, Middlesex
Inc. U.S.A., Liability Ltd.

Show 'Elasto'—It Sells on Sight!

It's advertised as a Chemist's line



PLEASE NOTE

20/- Pack
(one bottle free)

AGAIN AVAILABLE

see prices below

A PRODUCT OF BIOCHEMICAL RESEARCH. PROMOTES NORMAL, HEALTHY CIRCULATION

'ELASTO' Advertising is Nation-wide and Consistent. An ever-increasing demand for this product is being created at your very door; a slight effort on your part will bring this new and profitable business to your counter. A showcard or a few 'Elasto' cartons displayed in your window will bring most gratifying results. You can recommend 'Elasto' with confidence for all circulatory disorders including Varicose Veins, Bad Leg, Skin Troubles, Rheumatism and poor General Health. A tablet Remedy, easy to handle and reliable.

Recommend 'Elasto'—and a satisfied customer will recommend You!



RETAIL (Including Tax)

5/- per bottle (one month's supply)

20/- five bottles (Including one free)

PATA

WHOLESALE (Including Tax)

35/- per dozen

168/- per dozen

The NEW ERA TREATMENT CO., LTD.
CECIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1

Whiffen's

ENGLISH REFINED



CAMPBOR B.P.

in flowers

which has been unobtainable for so many years is now available in moderate quantities.

ALL PARTICULARS CAN BE HAD ON APPLICATION TO :

WHIFFEN & SONS LTD.

ALDERSGATE CHEMICAL WORKS
FULHAM, LONDON, S.W.6

TELEPHONE :
RENOWN 3416 (Private Branch Exchange)

TELEGRAMS
WHIFFEN, LONDON



In September..

*will appear the first of the
new season's*

CROOKES HALIBUT OIL

advertisements

CROOKES HALIBUT OIL

STANDARD BONUS PARCELS

	£ s. d.	BONUS
PARCEL E 36 x 25 Capsules @ 2/6 Retail Less 25% .. 10% * Amount of cash with order	4 10 0 1 2 6 3 7 6 1 6 9 * 3 0 9	3 x 25 Capsules RETAIL VALUE 7/6
PARCEL G 12 x 15 c.c. Drops @ 5/- Retail Less 25% .. 10% * Amount of cash with order	3 0 0 15 0 2 5 0 4 6 * 2 0 6	BONUS 1 x 15 c.c. Drops RETAIL VALUE 5/-
PARCEL H 36 x 5 c.c. Drops @ 2/- Retail Less 25% .. 10% * Amount of cash with order	3 12 0 18 0 2 14 0 5 5 * 2 8 7	BONUS 3 x 5 c.c. Drops RETAIL VALUE 6/-
PARCEL J 12 x 30 c.c. Drops @ 9/- Retail Less 25% .. 10% * Amount of cash with order	5 8 0 1 7 0 4 1 0 8 1 * 3 12 11	BONUS 1 x 30 c.c. Drops RETAIL VALUE 9/-
PARCEL L 12 x 100 Capsules @ 8/6 Retail Less 25% .. 10% * Amount of cash with order	5 2 0 1 5 6 3 16 6 7 8 * 3 8 10	BONUS 3 x 100 Capsules RETAIL VALUE 8/6
PARCEL M 36 x 100 Capsules @ 8/6 Retail Less 25% .. 10% * Amount of cash with order	15 6 0 3 16 6 11 9 6 1 3 0 * 10 6 6	BONUS 3 x 100 Capsules RETAIL VALUE £1 5 6

... and from then onwards, throughout the winter, the demand for this best seller will steadily increase. To meet changing conditions we are introducing a new parcel consisting of 36 x 25 Capsules — Parcel E and this together with the other cash with order parcels listed here are the only ones available for this season. Bonus parcels K and O have been discontinued.

Particulars of our new Window Display Competitions and bonus leaflet/order cards will be available to the trade early in September. To avoid possible delays later in the year we suggest building up stocks now.

PATA





STOCK SENSE

CONCENTRATE POULTRY CONDITIONER

For a limited period only, a substantial addition is being made to the normal bonus terms for StockSense. Here is a specimen order showing what you gain.

CONTENTS

CHARGED AS

1 Case 7½ d. size, 6 doz.....5 DOZ. ONLY
 1 Case 1/6d. size, 3 doz.....2½ DOZ. ONLY
 1 Case 4/-size, 1 doz.....11/12 DOZ. ONLY

All orders subject to 2½% settlement discount. Nett cost of above is therefore £4.10.8; selling price £7.7.0; *your profit* 61.68%.

Provided that orders are made out for multiples of a dozen, there is no minimum

quantity. For convenience of packing and dispatch, however, it will be greatly appreciated if you —

ORDER IN STANDARD CASES
 AS ON THE EXAMPLE SHOWN.

The need for winter eggs means a big demand for StockSense, so get your supplies in good time. Bob Martin Ltd., Southport, Lancs.

**SPECIAL OFFER CLOSES
 OCTOBER 31**

P.A.T.A.

INDEX TO ADVERTISERS

Abbot Laboratories (England), Ltd.	xxvi
Adelphi Manufacturing Co., Ltd.	v
Allen & Hanburys, Ltd.	Front Cover
Andrews Technical Equipment, Ltd.	x
Anglo-African Shipping Co. (S.A.), Ltd.	xxx
Ayrton, Saunders & Co., Ltd.	8
Barker, R., & Son, Ltd.	Leader Page
Bayer Products, Ltd.	20
Beatson, Clark & Co., Ltd.	vii
Beaulah, J. & J., Ltd.	xxi
"Belfast Telegraph"	xi
Bell, John, Hills & Lucas, Ltd.	Leader Page
Bengué & Co., Ltd.	13
Betalax Co., The	xxiii
Bio-Colloids, Ltd.	10
Blackwell, Hayes & Co., Ltd.	iii
Bob Martin, Ltd.	4, xix
Bourjois, Ltd.	25
Bretts, Dr., Laboratories	xxv
British and International Proprietaries, Ltd.	xxx
British Cod Liver Oils (Hull & Grimsby), Ltd.	xii
British Drug Houses, Ltd., The	5
British Rototherm Co., Ltd.	v
British Solvates, Ltd.	xx
Britton, Malcolm & Co., Ltd.	vi
Buckley-Bowker Tablet Co., Ltd.	iv
Burgoyne Burbidges & Co., Ltd.	i
Burrough, James, Ltd.	Leader Page
Burroughs Wellcome & Co.	27
C. 194 Products, Ltd.	xxiv
Ciba Laboratories, Ltd.	28
Continental Laboratories, Ltd.	xxiv
Cox, Arthur H., & Co., Ltd.	Cover iv
Croda, Ltd.	10
Crookes Laboratories, Ltd.	3
Cussons, Sons & Co., Ltd.	Cover iii

Dales Aspirin & Tableting Co.	15
Daniel, Richard, & Son, Ltd.	13
Dearborn (1923), Ltd.	23
Devon, D., Ltd.	24
Downings, Ltd.	xxvi
Dring, J., Ltd.	vi
Drugs & Toilets (Pty), Ltd.	iv
Duncan, Flockhart & Co.	iii
Dunlop Rubber Co., Ltd.	xvii
Edosan, Ltd.	viii
Emmet Distributing Co., Ltd.	xxi
English Grains Co., Ltd.	14
Esdra, Ltd.	xiv
Esmorea Chemical Products, Ltd.	23
Fassett & Johnson, Ltd.	xxiv, xxvi
Faylene Manufacturing Co.	xx
Ferris & Co., Ltd.	15
Field, C. W., Ltd.	ii
Freeman, William & Co., Ltd.	24
Freudentheil, Smith & Co.	Leader Page
Furmoto Chemical Co. (Factors), Ltd.	xi
Gardiner & Co. (The Scotch House), Ltd.	iv
Gosheron, John & Co., Ltd.	xix
Gray & Ross	xxx
Guest, Thos., & Co., Ltd.	14
Guterman, S., & Co., Ltd.	xviii
Hamburger, M., & Sons	ii
Harley, T., Ltd.	xviii
Harrogate Tablet Co., Ltd.	xxii
Hirst, Stuart, Ltd.	Leader Page
Hough, Hoseason & Co., Ltd.	12
Imperial Chemicals (Pharmaceuticals), Ltd.	xiii
Innana Beauty Products	24
International Laboratories, Ltd.	xxii
Ioco, Ltd.	x

(continued overleaf)

Calsimil is medically prescribed to supplement the calcium intake in pregnancy and lactation. It has a particular value also in cases of chilblains and for growing children, during formation of bone and teeth.

Its pleasant flavour makes this product easy to take, a great advantage where daily dosage is high.

CALSIMIL

(Trade Mark)

(Calcium Sodium Lactate with Vitamin D)



For prices see B.D.H. Price List

THE BRITISH DRUG HOUSES LTD. LONDON N.1

Cals/T, 2

INDEX—(cont.)

Jarvie, Hugh & Co., Ltd.	19
Jeffreys, Miller & Co., Ltd.	15
Jobling, J. A., & Co., Ltd.	v
Johns, Son & Watts, Ltd.	viii
Kearsley, C. & G., Ltd.	vi
Keen, Robinson & Co., Ltd.	xxii
Kenrosa, Ltd.	26
Macdonald & Son, Ltd.	ix
MacLennan Products, Ltd.	xxi
Marshall's Proprietaries, Ltd.	xxvii
Martin, Bob, Ltd.	4, xix
May & Baker, Ltd.	xv
Meggeson & Co., Ltd.	xxxii
Menley & James, Ltd.	12
Momand, Don S., Ltd.	xxix
Morrell, J., & Co., Ltd.	xx
Napp, H. R., Ltd.	Leader Page
New Era Treatment Co., Ltd.	1
Newball & Mason, Ltd.	Leader Page
North British Rubber Co., Ltd.	xi
Nostax, Ltd.	15
Optabs, Ltd.	xxxix
Organon Laboratories, Ltd.	8
Oxo, Ltd.	16
Parke, Davis & Co.	Cover ii
Percenta, Ltd.	viii
Platts, Page & Co., Ltd.	xxx
Potter & Clarke, Ltd.	17
Prince Regent Tar Co., Ltd.	6
Ransom, Wm., & Son, Ltd.	18
Rapidol, Ltd.	xxx
Reed Bros (Engineering), Ltd.	vi
Reliance Rubber Co., Ltd.	ix
Rendell, W. J., Ltd.	xvi
Rentokil, Ltd.	vii
Reval & Co., Ltd.	ii
Riddell Products, Ltd.	21
Rozalex, Ltd.	xix

Samson Shopkeepers' Supplies, Ltd.	xxx
Scruton, Oscar, & Co., Ltd.	xxv
Scurr, C. A.	xxx
Secto Co., Ltd.	xxviii
Selto (Eastbourne), Ltd.	xxii
Septisol, Ltd.	xxii
Sherley, A. F. & Co., Ltd.	xxv
Shrank, R., Ltd.	vi
Sidnick, M., & Co., Ltd.	22
Sigal, S., & Co., Ltd.	14
Simpkin, A. L., & Co., Ltd.	xxviii
Singer, Ernest M.	iii
Smith, Saville & Ptnrs., Ltd.	xx
Smith, T. J., & Nephew, Ltd.	x
Soft Drinks Industry	xvii
Sorelle, Jean, Ltd.	22
Southon Laboratories, Ltd.	15
Splendor, Ltd.	xxviii
Stanton, Charles, & Co.	xxx
Surgical Equipment Supplies, Ltd.	viii
Suter, A. F., & Co., Ltd.	ii
Sutton, W., & Co. (London), Ltd.	22
Tampax, Ltd.	viii
Thornton & Ross, Ltd.	10
Three Crowns Tablet Co.	xxx
Tye, John, & Son, Ltd.	11
United Chemists Association, Ltd.	7
Vigon, J. J., & Co., Ltd.	xxx
Wander, A., Ltd.	9
Watford Chemical Co., Ltd.	26
Wesley, Harold, Ltd.	xvii
Westminster Laboratories, Ltd.	21
Whiffen & Sons, Ltd.	2
Wilcox, Jozeau & Co., Ltd.	Leader Page
Wilson & Mansfield, Ltd.	iv
Wiseman, J. H., & Co., Ltd.	xxx
Wrens (Fty), Ltd.	10
Wyllies Cleansers, Ltd.	xviii

Disinfectants

to Hospitals, Public Institutions, Local Councils, &c.

REMEMBER that—

BURT, BOULTON & HAYWOOD LTD. Managers to
the PRINCE REGENT TAR COMPANY, LTD.

give you special terms.

Carbolic Disinfecting Fluids containing 10% to 80% Tar Acids.

White Disinfecting Fluids—miscible in salt, fresh or brackish water, Co-efficients 18/20, 22/24.

Lysol B.P. Quality.

Pink Disinfecting Powders.

Carbolic Sheep Dips, approved by the Ministry of Agriculture under the Sheep Scab order.

Carbolic Disinfecting Fluids, Rideal Walker Co-efficients 2 to 20.

Liquid Carbolic and Cresylic Acid, Pale, 99/100%.

Formaldehyde (Formalin) 40% Solution.

Carbolic Weed Killer, etc.

Tar Acids and Rideal Walker Co-efficiency guaranteed. May be sold by Chemists and Druggists under own name.

Special Disinfectant Fluids approved by the Ministry of Agriculture under the "Diseases of Animals Acts." May be packed and sold by Chemists under own name.

SAMPLES AND PRICES ON APPLICATION TO

PRINCE REGENT TAR COMPANY, LTD.

(Managers: BURT, BOULTON & HAYWOOD, LTD.)

BRETENHAM HOUSE, WELLINGTON STREET, STRAND, LONDON, W.C.2

Phone: Temple Bar 6301 (5 lines)

Telegrams: "Burboul, Lond. London"

Another famous



product now
available in
limited supplies



UNITED CHEMISTS ASSOCIATION LTD
UCAL WORKS • CHELTENHAM

AYRTONS *for* **PENICILLIN CREAM B.P.**

No. 1 MAKING SET (The Original) ANHYDROUS comprises 6 pots Sterile base (Anhydrous); 100 c.c Chlorocresol Solution (0.2%) in sterile water.

The contents of the smallest package of Penicillin Sodium or Calcium Salts (100,000 units) is dissolved in the Chlorocresol Solution, slightly warmed (not exceeding 60° C.) One-sixth part of this is introduced to each of the six pots of sterile anhydrous base at same temperature. Each pot must be opened and closed momentarily for the process, shaken vigorously and cooled rapidly. The Penicillin Cream B.P. must be used within seven days.

Per set (to make 6 pots) ... 6/- Penicillin (100,000 units) ... 1/4

No. 2 MAKING SET. HYDROUS comprises 4 jars 23 grammes hydrous base, 4 ampoules 2 c.c. Chlorocresol Solution 0.1% and one tube of 4 tablets each 12500 units Penicillin (Calcium Salts).

One tablet is dissolved in one ampoule and mixed thoroughly into one jar of base.

Per set (to make 4 pots) ... 8/-

No. 3 DAILY POSTAL SERVICE. Penicillin Cream B.P. freshly made and posted immediately. Per ounce, post paid ... 2/-

PENICILLIN SOLUTION TABLETS. Each tablet 12500 units (Calcium Salts).

Tubes of Eight ... each 2/7

PENICILLIN OINTMENT B.P. 1 oz. jars...per doz. 16/- 2 oz. jars... per doz. 30/-

PENICILLIN EYE OINTMENT. 1 drachm tubes ... per doz. 10/-

PENICILLIN LOZENGES B.P. 20's ... per doz. 12/-

AYRTON SAUNDERS & CO. LTD. LIVERPOOL

HORMONES ORGANON

The full range of chemically and biologically standardised products

**NATURAL AND SYNTHETIC
SEX, CORTICAL AND TROPHIC
HORMONES**

VITAMINS

**LIVER EXTRACT · METHYL THIOURACIL
DICOUMARIN & OTHER CONTROLLING SUBSTANCES**

For price list or literature send card to

ORGANON LABORATORIES LTD

**BRETENHAM HOUSE,
TEMPLE BAR 6785**



**LONDON, W.C.2
MENFORMON, RAND, LONDON**

AGENTS THROUGHOUT THE BRITISH EMPIRE & MOST OVERSEAS TERRITORIES

Pioneers in Hormone Research

A Delicious, Concentrated, Vitamin Food of the Highest Quality

*A Product of the Ovaltine
Research Laboratories*



TO the physician requiring a product which incorporates important vitamins in a form acceptable to every patient, "Vimaltol" presents special advantages.

"Vimaltol" is made from specially prepared malt extract of high protein content, yeast—one of the richest sources of vitamin B₁—and Halibut Liver Oil, an important source of vitamins A and D. It is also fortified with additional vitamins and mineral salts, and is deliciously flavoured with orange juice.

"Vimaltol" is standardised to contain in each fluid ounce: 648 international units of vitamin A and 1390 of vitamin D; also 0.3 milligrammes of vitamin B₁, 4 of Niacin (P.P. vitamin) and 4.8 of Iron, in a readily assimilated form.

"Vimaltol" is thus an important aid in the treatment of the many abnormal conditions resulting from the deficiency of one or more of the essential vitamins in the average everyday dietary.

The routine use of "Vimaltol" helps normal development of the growing organism and the maintenance of correct metabolism, while raising the general resistance against infection.

"Vimaltol" has thus a very wide application in general practice for patients of all ages. It can be prescribed with advantage at all seasons.

On the **PATA**

Wholesale Prices:

1 lb. jars 27/-; 2 lb. jars 49/6.

(Exempt from Purchase Tax.)

Retail Prices: 1 lb. jars 3/-; 2 lb. jars 5/6.

A. WANDER LTD.,

5 and 7, Albert Hall Mansions, S.W.7



SAMARITAN

Ointments

are again freely available in a wide range of titles including Chilblain, Lanoline, Wintergreen, Zinc and other B.P. and B.P.C. formulæ. Several exclusive prescriptions are also included in the series.

Prices and Samples on application.

TR-132

THORNTON & ROSS
LIMITED
Manufacturing Chemists
LINTHWAITE · HUDDERSFIELD.

Wrens
(PTY) LTD

MANUFACTURERS' REPRESENTATIVES
AND WHOLESALE DISTRIBUTORS
P.O. BOX 1689 JOHANNESBURG
SOUTH AFRICA

Sole Distributors and Stockists for
REVLON EXPORT Corp., NEW YORK
also VIV Pharmaceuticals Ltd.,
WINCHESTER, England, etc.

SEEK REPRESENTATION
for non-competitive Agencies
in TOILET, PATENTED and
PROPRIETARY PREPARATIONS
for the **UNION of SOUTH AFRICA**,
Northern & Southern Rhodesia, Portuguese
East Africa, S.W. Africa and Nyassaland.

For all our Purchases
cash payments in London

SD2

The Symbol of
PERFECT Skin Health

A revolutionary product for the treatment of skin illnesses with unusual penetrative power. Sold under a money-back guarantee of satisfaction. Liquid and cream. Prompt deliveries.

BIO-COLLOIDS, LTD., ALTRINCHAM, CHES.

PATA



BC 20

EOSOL

TETRAHYDROFURFURYL
ACETATE

the new
lipstick
solvent



CRODA LTD SNAITH · GOOLE · YORKS

More and more products

are being

capsuled by



TYESUCLEAN (REGD.)

Tyesuclean completely and speedily removes grease-spots from clothing. Effective and safe for all materials. 'Capsuled by Tye', it can be safely carried in suitcase or handbag. It cannot crush, leak or spill.

**A miniature
Valet
Service**

Retailing at 9d.



**A shield against
mosquitoes,
gnats, midges,
etc.**

Easy and pleasant to apply, and of proved efficiency, Antyemostik prevents mosquitoes and other insect nuisances from inflicting harmful, irritating bites. 'Capsuled by Tye', it can be carried in the pocket or handbag without risk of leakage or soiling.

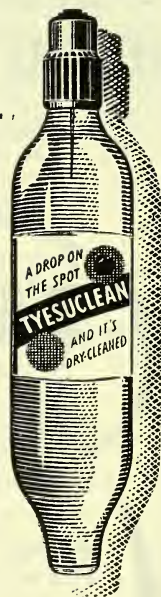
Retailing at 1/5d. inc. Purchase tax

ANTYEMOSTIK (REGD.) (DIMETHYLPHTHALATE)

It can't leak....

it can't break....

if it's capsuled by



If your wholesaler does not stock, write to

TYESUCLEAN SUPPLY LTD., 459A CALEDONIAN RD., N.7

THE RECONSTRUCTIVE TONIC

that's always in demand

The reputation of Neuro Phosphates as an ideal reconstructive tonic is world-wide. It is constantly being prescribed for the overworked, the convalescent, and the constitutionally delicate. In these days of strain it is in ever-increasing demand; the supply position has now improved and we can meet all reasonable requirements.

NEURO PHOSPHATES

ESKAY BRAND

MENLEY & JAMES LTD.

123 Coldharbour Lane, London, S.E.5



8-oz. bottles
Trade Price
38/7 per doz.
plus 6/5 purchase tax
Retail Price
4/10 each
inc. purchase tax

ZAC Dusting Powder

- An established favourite

- ★ Nationally and Locally Advertised
- ★ Full 33 $\frac{1}{3}$ % Profit
- ★ Bonus 13 to the doz. on Gross Lots

RETAIL: 1/6 inc. Tax. Costs: 11/- per Doz.
Plus 16 $\frac{3}{4}$ P.T. ORDER NOW!

Ask also for ZAC Super Compound
CREAM, ZAC GRIPE MIXTURE
and ZAC SYRUP OF FIGS



ZAC means Quality



HOUGH, HOSEASON & CO., LTD., LEVENSHULME, M/cr. MEMBERS OF THE P.A.T.A.



PROPRIETARIES
SUNDRIES DRUGS
TABLETS & PILLS

FOR
CHEMISTS

*Manufacturing
Chemists*

Head Office & Works Mansfield Road Derby Telephone 4266 (3 lines) Branch Warehouse Grosvenor St. Ashton Lyne Telephone 2816 (2 lines)

BENGUE'S BULLETIN

YOU HAVE BEEN WARNED!

The difficulties of the coming WINTER will be ours as well as yours. **ORDER NOW** whilst our stocks are good, so as to ensure a supply of these increasingly popular WINTER LINES.

**BENGUE'S BALSAM
PULMO (BAILLY)
RHINAMID**

BENGUE & CO. LTD. — MOUNT PLEASANT — ALPERTON

A NAME and a STANDARD

"SURE SHIELD"

PRODUCTS



'SURE SHIELD'
IODISED THROAT
TABLETS

'SURE SHIELD'
FRUIT LAXATIVES

'SURE SHIELD'
GLYCERINE of THYMOL
PASTILLES

LOZENGES. PASTILLES.
TABLETS.

IN BULK and ATTRACTIVE PACKS
DELIVERIES. The position is now
much improved. Although we are
producing to our full capacity we
still have to take orders in rotation
and are making every effort to
maintain an equitable distribution
of our PRODUCTS.

Thos. Guest & Co. Ltd. Manufacturing
Chemists
Carruthers Street, Manchester, 4

Selling the truth

THE Medical profession is giving yeast its true status as an essential source of Vitamin B and proteins—as a food and not a mere pick-me-up. Yestamin advertising helps to spread this truth and the nation-wide sales of Yestamin show that daily yeast is recognised as an important contribution to the health value of a restricted national diet.

In Bottles	to retail at	Trade Prices
100 TABLETS	1/6	12/3 PER DOZ.
300 TABLETS	4/-	33/- PER DOZ.

Less 5% Cash in 14 days

Vitamin B.1..... 2.10 mgms. per oz.
Riboflavin (B.2)..... 1.45 mgms. per oz.
Niacin..... 9.50 mgms. per oz.

Yestamin DAILY YEAST

THE ENGLISH GRAINS CO. LTD. BURTON-ON-TRENT

Galjado
THE UNIVERSAL FAVOURITE
FOR OVER
20 YEARS
HAIR COLOUR RESTORER
For Grey and Faded Hair

Complete Catalogue of Perfumery and Toilet Preparations sent on request

All products obtainable from your usual wholesaler or direct from

S. SIGNAL & CO. LTD.

MANUFACTURERS OF EXCLUSIVE TOILET PREPARATIONS
47 TABERNACLE STREET, LONDON, E.C.2

Our advertising will bring you

PRESTIGE AND PROFITS

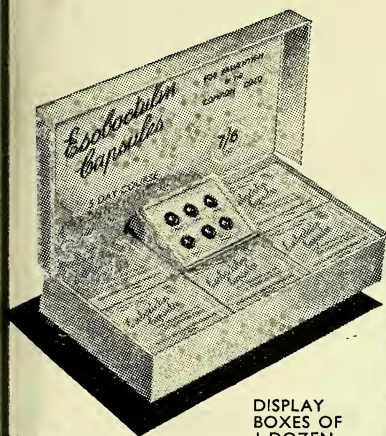
Customers will thank you for recommending ESoBACTULIN—6 Capsules taken over 5 days give most people 3 months' immunity from Colds.

GOOD PROFITS — 33 $\frac{1}{3}$ % DISCOUNT

plus special bonus of 13 to the dozen

Now being advertised to millions of potential customers.

Supplied through all C.F. Wholesalers



DISPLAY
BOXES OF
1 DOZEN
Showcards also
Available.



COMPLETE COURSE 7/6 INC. TAX

A Product of

SOUTHOON LABORATORIES LTD. Upper Richmond Road, London, S.W.15.

MILLAMALT

Sole Manufacturers

JEFFREYS, MILLER & Co. Ltd. Leyland Mills, WIGAN. London Dept.: 19 Brookside Rd., N.1

The VITAMIN
MALT FOOD

With Vitamins

(A. 6,500 I.U., D. 400 I.U.)
per fl. oz.

Introducing an entirely new range of

HIGH QUALITY COSMETICS

Foundation Cream, Complexion Cream, Skin Food, Cold Cream, Lipsticks, Face Powders, and Perfumes, etc.

Also our well-known NASTANT INHALANT for
CATARRH, HAY FEVER ASTHMA, HEADACHES & GIDDINESS

HOME & EXPORT

NOSTAX LTD.

5 BOURNEMOUTH PARK ROAD
SOUTHEND-ON-SEA

Telephone: MARINE 68240

Telegrams: WINTERS' SOUTHELD

Prices sent on request

NEPENTHE

*(The best and safest
preparation of Opium)*

Prescribed for over 100 years

**FERRIS & COMPANY
LIMITED, BRISTOL**

Compressed TABLET SERVICE

WHOLESALE & EXPORT

Reasonable estimates.

Clients' own material operated if desired.

The
DALES ASPIRIN AND TABLETING CO.
Barrows Lane, STEETON, Yorks.

Thyroid

**With their wide resources
Oxo Ltd. have ample stocks
of Thyroid**



Available in strengths from
Gr. 1/20 desic. to Gr. 5 desic.,
'Oxoid' Thyroid Gland B.P. tablets
are guaranteed to contain
undenatured thyroid hormone.



Any quantity Carriage Paid, and all containers free

**OXO LIMITED (Medical Dept.)
THAMES HOUSE, QUEEN STREET PLACE,
LONDON, E.C.4.**

LONDON'S COATS OF ARMS



PROSUNT GENTIBUS ARTES

Bermondsey

The Bermondsey Coat of Arms was granted in 1581. The Lion and Crozier are representative of the original dwelling of the Abbot of Bermondsey, founded in 1082, but long since pulled down. The Crown and Battle-Axe commemorate the Mercian, St. Ethelred, who assisted King Ethelred in expelling the Danes from Britain. The three-masted ship symbolizes the ship-building industry once carried on at Bermondsey. Many celebrated men and women of historical interest have passed many of their lives in Bermondsey, when it was a pretty rural village. According to tradition, Joanna Southcott, the Prophetess who said would practice to secure salvation to their posterity, at one time had her home here.

The Motto, translated, is "Arts profit the People."

It is of interest to readers of this Journal to note that in 1880 Potter & Clarke took their original business from Duke Street, Spitalfields, to Western Street, Bermondsey.

DRUG MERCHANTS AND

MANUFACTURING CHEMISTS

POTTER & CLARKE LTD

London & Manchester



EXTRACTS

FOR ALL PURPOSES

* * *
CONCENTRATED NON-ALCOHOLIC SOFT EXTRACTS FOR MAKING
INFUSIONS · DECOCTIONS · TINCTURES · LIQUID EXTRACTS · ETC.

* * *
MEDICINAL RESINS · OLEO · RESINS · RESINOIDS · TINCTURES

RANSOM'S

SPECIALLY PREPARED

SOLUBLE EXTRACTS

PRESENT THE FOLLOWING ADVANTAGES

These extracts are readily soluble and the resulting solutions need no filtration

They contain no spirit

Occupying less volume than the corresponding liquid product they economise in freight space

They were first put on the market by ourselves

DRUGS GROWN ON OUR OWN FARM INCLUDE

BELLADONNA HENBANE FOXGLOVE

LAVENDER CHAMOMILE PEPPERMINT

HEMLOCK LETTUCE

ESTABLISHED



1846

WILLIAM RANSOM & SON LTD.

Growers of medicinal plants for over a century

Hitchin, Hertfordshire, England

JARVIE'S QUININE

HUGH JARVIE
COMPANY LIMITED
SCOTIA CHEMICAL
WORKS COATBRIDGE



EXPORT ENQUIRIES TO EXPORT DEPARTMENT, 10 PORTMAN ST., LONDON, W.1.

~~ASPIPHENIN CO.~~
A new name

'CODALGIN'



The new carton is dignified yet striking, with tablets in 'Cellophane' blocks of four, handy for pocket or handbag.

- Improved pack
- High analgesic content
- Show - material available
- Good margin of profit
- Bayer quality

'CODALGIN' analgesic tablets are now stronger. With gr. 5 Bayer Aspirin, gr. $2\frac{1}{2}$ phenacetin and gr. $\frac{1}{10}$ codeine phosphate, 'Codalgin' has a very high analgesic content in a tablet of reasonable size.

Terms are generous and the selling price is moderate. All bonus orders are sent in display outers, and show-cards are available. The quality of the product and the convenience of the pack will bring repeat orders.

Selling Price
 20 tablets 1/11
 (including tax)

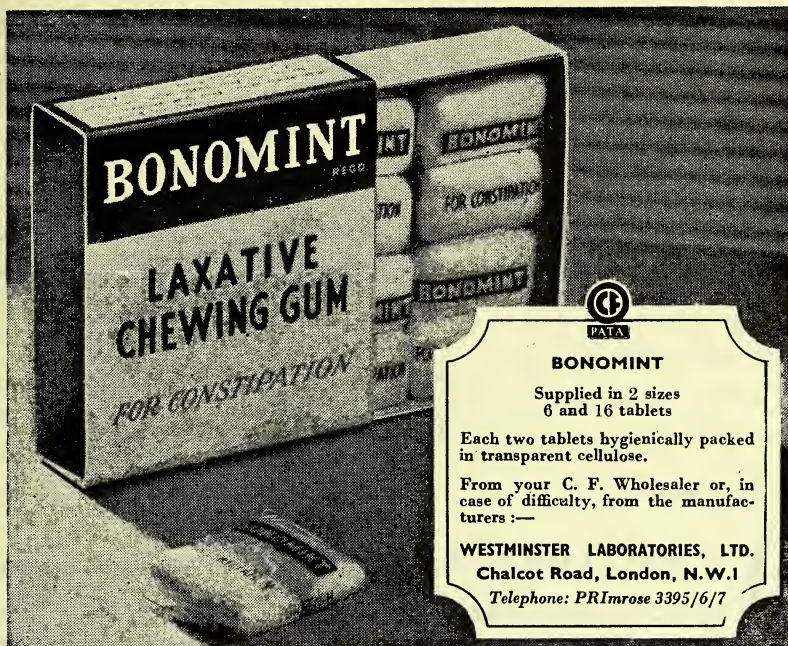
Discount 33 $\frac{1}{3}$ %
 (cost price 14/-
 per doz. plus tax)

Display bonus of
 13 to the dozen

A nett profit of
 8d. per sale

Adequate supplies of 'Codalgin' are now available. A specimen pack supplied to pharmacies on request. Please quote this journal.

BAYER PRODUCTS LIMITED
AFRICA HOUSE · KINGSWAY · LONDON · W.C.2



BONOMINT
LAXATIVE CHEWING GUM
FOR CONSTIPATION

BONOMINT
Supplied in 2 sizes
6 and 16 tablets

Each two tablets hygienically packed in transparent cellulose.

From your C. F. Wholesaler or, in case of difficulty, from the manufacturers:—

WESTMINSTER LABORATORIES, LTD.
Chalcot Road, London, N.W.1
Telephone: PRIMrose 3395/6/7

Penicillin Therapy by Inhalation

For the satisfactory atomisation of PENICILLIN solution, in any strength, no better instrument will be found than the DRITAX UNIVERSAL INHALER



Advantages :-

1. All glass, no loose parts.
2. Very easily and quickly cleaned.
3. Sterilised by boiling or autoclave.
4. Atomises full dose ordered.
5. Supplied with Face Mask and Nosepiece.
6. Price 27/6 complete, retail, less 33½% trade.



RIDDELL PRODUCTS LIMITED
AXTELL HOUSE, WARWICK ST., LONDON, W-1

PATA

Xmas Presentation Diana Marsh

ORDER NOW

Ensure your Xmas deliveries
by placing your order NOW!
We will co-operate by reserv-
ing stock against firm orders.



SOFT LAMBSWOOL PUFFS

Packed in Acetate Containers
of Attractive design

915. 4 in. Powder Bowl ... 26/- per doz.
916. 4½ in. " " ... 33/6 "
270. 4¼ in. Puff mounted on
Crystal Perspex Handle ... 50/- per doz.
Plus 100% Purchase Tax



W. SUTTON & CO. DRUGGISTS SUNDRIES LONDON LIMITED

Established 1660

Horseshoe Lane, Enfield, Middlesex

Tel: Enfield 4747 (10 lines)

Grams: Vinaigrette, Enfield



The products made by
Jean Sorelle



are making rapid progress through beautiful
packaging and reasonable prices.

Eau de Cologne, Lavender Water and Brilliantine

—in bulk or bottles.

Bath Salts in bulk, print-
ed Cellophane bags or
printed tins.

Talcum Powder
in printed
sprinkler tins.

Fine Bath
Crystals
in attrac-
tive paint-
ed tins.
Other lines
in prepara-
tion.



JEAN SORELLÉ LTD

Manufacturers of Fine Toilet Preparations,
82 TUPLE ROAD, LONDON N.4.

M. SIDNICK & CO LTD

WHOLESALE

CHEMISTS' SUNDRIESMAN

MAIN AGENT FOR:

INNANA BEAUTY PRODUCTS

FOAM-SUDS

WASHING POWDER

EVANOL (SIMPLEX) HAIR DYES

And all leading makes of

COSMETICS and

PHARMACEUTICAL PREPARATIONS

Regular Weekly Deliveries in Your Area.

CATALOGUE SENT ON REQUEST

11-12 FINSBURY SQ. LONDON, E.C.2

Phone: CLerkenwell 5642

MERCOLIZED WAX

Although supplies are strictly limited, every chemist and wholesaler who purchased direct from us in the basic period will receive a quota in proportion.

CLYNOL BERRIES for OBESITY

however are available to all.

Please send your enquiries to our distributors:—

POTTER & MOORE, LTD.

Lavender House,

Seymour Road,

LEYTON, E.10

DEARBORN (1923) LTD.

“Kern House,” 36/38 Kingsway, London, W.C.2

HERE ARE YOUR

Request



BIG MONEY MAKERS!

They're the quick-selling quality lines that build goodwill—and good profits. **REQUEST LATHER SHAVING CREAM**—the particular man's favourite. **REQUEST SHAVING STICK!** luxury and economy rolled into one.

Send for details of terms, etc.

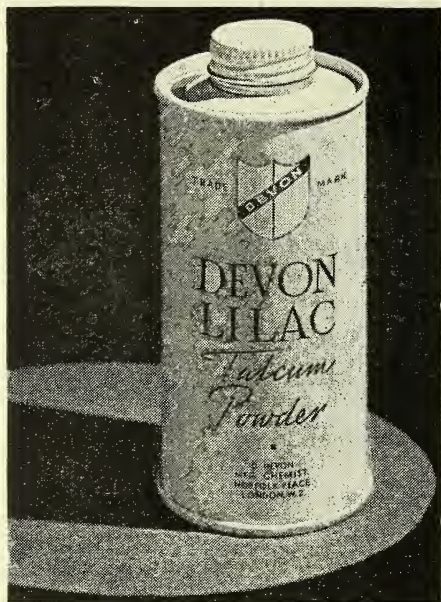
For quick delivery of Lather Shaving Cream and Shaving Sticks phone your wholesaler today or write at once.

ESMOREA Chemical Products Ltd., 106 Regent St., London, W.1

Also obtainable from our Northern Branch

13 HIGH BRIDGE, NEWCASTLE-ON-TYNE

Telephone—Newcastle 26739



Sole distributors for United Kingdom
Stanwhite Ltd., Parkhouse Wks., London, S.E.5. Rod 4416

'HIGHLIGHT' HAIR RINSE



By Innana

Tones, Tints
and Beautifies
the Hair

IN 7 NATURAL
SHADES

Retail Price

6^p. Inc. Tax

IN THE NEW
ATTRACTIVE PACK

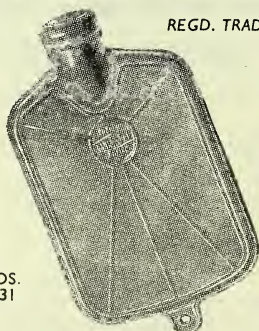
Enquiries to:—

INNANA BEAUTY PRODUCTS
44-46 ORMSIDE ST., LONDON, S.E.15

Telephone: NEW CROSS 3797

SUBA-SEAL

REGD. TRADE MARK



PATENT NOS.
530164/516731
538564

WILLIAM FREEMAN
— & COMPANY LIMITED —

SUBASEAL WORKS, PEEL STREET, BARNSELY

Telegrams:
"SUBASEAL, BARNSELY"

Telephone:
BARNSELY 4081

★ The SAFETY BOTTLE

WITH ALL THE SELLING POINTS

EASY FILLING
NO AIR LOCK
NO SPLUTTER
EASY STOPPERING
NO LEAKAGE
STOPPER CANNOT GET LOST
NO BANDS TO BREAK
CENTRE CANNOT COME OUT
COMPLETELY VULCANISED
LONGER RADIATION
SEAMLESS THROUGHOUT
ALL RUBBER
BEAUTIFUL COLOURS AND
DESIGNS
ENTIRELY BRITISH



PERFUME • VANISHING CREAM • LIPSTICK • ROUGE • TOILET SOAP • POWDER

NOTE: This is one of a series of Bourjois advertisements appearing in the national magazines and national dailies to keep the public informed about Bourjois.



Shape of THINGS TO COME

PILLODINES

we venture to prophesy, have a bright and promising future ahead of them. These tiny silver-coated pillules of specially-treated iodine have striking prophylactic and therapeutic qualities that tackle the common cold in an extremely efficacious and unusual manner. *When dissolved slowly on the tongue they instantly mobilise and bring into action the body defence mechanism.* We are confident that once introduced to this new form of cold immunisation the public will be swift to recognise its virtues. Consequently September will see the launching of Pilloidines, commencing with a series of Chemists' window displays featuring the complete 30-day treatment in the new 3/6 one-at-a-time containers. This will be the fore-runner of a vigorous trade and national Press advertising campaign.

WATFORD CHEMICAL CO. LTD.

Telephone : WELbeck 0264/8

30 BAKER STREET, LONDON, W.1

Telegrams : Watchempro', Wesdo, London



Kenrosa
HAIR
PREPARATIONS

THIRTY YEARS REPUTATION



Kenrosa
SHAMPOO POWDER
COCOA BUT OIL
SWEETLY SCENTED

Kenrosa
HAIR CREAM

Doctor HARRIS
6-8-6-B
SCURF and DANDRUFF Lotion
GUARANTEED TO REMOVE SCURF & DANDRUFF AND TO NOURISH THE HAIR
BRITISH MADE

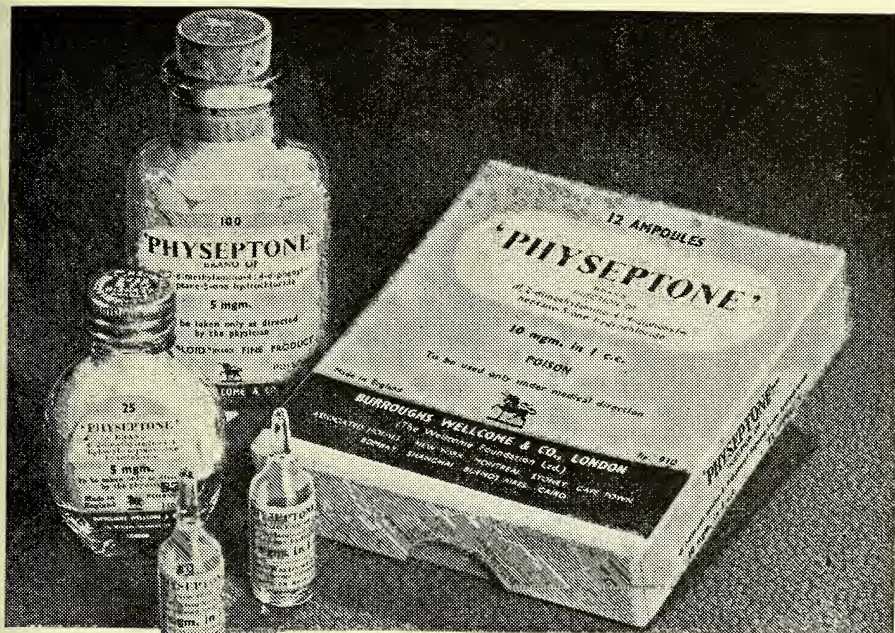
Kenrosa LTD.
LONDON. E.5.

Manufacturers of
PASHANA, FOUGERE, LOTIONS,
HONOREY'S DRY SHAMPOO ETC.

Physiophone
Medical Journal
in the United
prescribed in
stocks to meet
the new sys
effective than
Literature ava
★ IMPORT
announced



BURROUGHS



THE NEW ANALGESIC

'Physeptone' is being advertised in every leading Medical Journal. . . is being detailed to every prescriber in the United Kingdom . . . 'Physeptone' will be prescribed in your district. Make sure that you have stocks to meet prescription demands. 'Physeptone' is the new synthetic pain-relieving substance, more effective than morphine, yet free from its disadvantages. Literature available on request.

★ **IMPORTANT NOTE** 'Physeptone' was originally announced under the name 'Miadone'.

'TABLCID' BRAND COMPRESSED PRODUCTS

5 mgm :

Bottles of 25.....4/6
(plus 7d. Purchase Tax)

Bottles of 100.....16/10
(plus 2/1½ Purchase Tax)

INJECTION

10mgm. in 1c.c. Boxes of
12 ampoules.....9/0
(plus 1/1½ Purchase Tax)

List prices, subject to trade discount.

★ 'PHYSEPTONE' BRAND

dl-2-DIMETHYLAMINO - 4 : 4 - DIPHENYLHEPTANE - 5 - ONE HYDROCHLORIDE

available now



BURROUGHS WELLCOME & CO. (THE WELLCOME FOUNDATION LTD.) LONDON

ALLERGY

Introducing a new anti-histaminic
substance 2-phenyl benzyl amino methylimidazoline

ANTISTIN

for the treatment of Allergic Conditions and
Anaphylactic Reactions

Low toxicity — Well tolerated

Tablets of 0.1 g. Bottles of 25 and 50

Ampoules of 2 c.cm. (0.1 g.) Boxes of 3 and 6

Local application may be undertaken with

ANTISTIN-PRIVINE

REGISTERED TRADE MARK

a combination of anti-histaminic and vasocon-
strictor in Hay-Fever and Vasomotor Rhinitis

Bottle of $\frac{1}{2}$ fl. oz. with dropper

CIBA

LABORATORIES LIMITED, HORSHAM, SUSSEX

Telephone : Horsham 1234 Telegrams : Cibalabs, Horsham

The
CHEMIST AND DRUGGIST
For RETAILERS
Published weekly
Telegrams : CIBALABS

A Pharmacist's
A. Sightseer
Hospital
Births ...
British Association
Business Chan
Business Que
Chemical Cor
Coming Even
Company Ne
Deaths ...
Editorial Arti
Northern I
Status of T
Standardise
Education Di
Gymtu Ddw
Information

New Air Fr
Flight service is
European Air
London and the
Washing So
Trade has issu
1947, No. 18
soda (Maximum
effect of the re
washing soda
e. Prices of

Deaths from
ple of a wild
for the deaths
Furness rec
Mr. J. G. Rog
Manchester N
dropwort (Oe

Extra Soap
Ministry of F
retailers that
grams) and fo
gross) each p
weeks. The
any those bea
ticular weeks



The CHEMIST AND DRUGGIST

For RETAILER — WHOLESALE — MANUFACTURER

Published weekly at 28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "CHEMICUS, ESTRAND_LONDON."

Telephone: CENTRAL 6565 (10 lines)

CONTENTS

A Pharmacist's Anthology	290	Inquests	276
A Sightseer at Jersey's Tunnel Hospital	284	Irish News	273
Births	277	Legal Reports	276
British Association's Annual Meeting	281	Local News	272
Business Changes	274	Marriages	277
Business Queries and Answers	292	Medical Abstracts	285
Chemical Congress Lectures	291	New Penicillin Process	279
Coming Events	298	News of the Week	271
Company News	274	Overseas Trade News	297
Deaths	277	P.A.T.A.	279
Editorial Articles:—		Penicillin Order	279
Northern Ireland Health Bill	287	Personalities	280
Status of Technical Education	288	Robert James's Dictionary	282
Standardised Cosmetics?	289	Streptomycin Trials Extended	290
Education Discussion at Stratford	284	Topical Reflections	275
Gymru Ddiwydiannol	280	Trade Marks	298
Information Wanted	286	Trade Notes	278
		Trade Report	294

NEWS OF THE WEEK

New Air Freight Service.—A new air freight service is being introduced by British European Airways from Manchester to London and the Continent.

Washing Soda Prices.—The Board of Trade has issued an Order (S.R. & O., 1947, No. 1808) revoking the Washing Soda (Maximum Prices) Order, 1947. The effect of the revocation is that the price of washing soda is henceforth controlled by the Prices of Goods Act, 1939.

Deaths from Poisonous Weed.—A sample of a wild plant, which was responsible for the deaths of three children in Barrow-in-Furness recently, has been identified by Mr. J. G. Roger (botanical curator of the Manchester Museum) as hemlock water dropwort (*Oenanthe crocata*, Linn.)

Extra Soap and Tea Coupons.—The Ministry of Food has issued a reminder to retailers that form R.G.64 (extra tea coupons) and form R.B.42 (extra soap coupons) each provide coupons for fifty-two weeks. The appropriate coupons to be cut are those bearing the numbers of the particular weeks of the four-week period in

which the purchase is made. Coupons valid for any period before that in which the card comes into use should be left intact for use after week No. 52.

Direction of Labour.—Mr. George Isaacs (Minister of Labour), explaining on August 30 the powers taken by the Government to direct labour, stated that men would not be sent from a job in one town to a job in another. If an engineer were engaged in making luxuries, he might have to go into another works in the same town manufacturing goods essential for export.

Fertiliser Prices Increased.—The Board of Trade has issued an Order (S.R. & O., 1947, No. 1832) which increases from 6s. 6d. to 8s. the charge which is added to the maximum prices per ton for sulphate of ammonia, and sulphate and muriate of potash where delivery is in bags containing less than 2 cwt. The new charge became effective on August 22.

Poliomyelitis Figures and Film.—In England and Wales, during the week ended August 23, there were 626 notifications of infantile paralysis cases, a decrease of

twenty from the previous week. This was the first time for twelve weeks that the figure had not risen. The Central Office of Information recently prepared, through its Film Division and at the request of the Ministry of Health, a film dealing with the early diagnosis of anterior poliomyelitis. It was made in London hospitals and the commentary has been given by an authority on the condition. The film has already been seen by doctors in some parts of the country.

F.B.I. and Exports.—In the course of a lengthy memorandum dealing with the economic crisis, the Federation of British Industries points out the difficulty of building up export sales to levels a great deal higher than those already reached owing to the world-wide nature of the problem of shortage of foreign exchange; other countries are also imposing import restrictions. To meet the situation the Federation urges a heavy reduction in the Government's capital expenditure programme in order to free materials. The Federation recognises the necessity for a further curtailment of imports. After all luxury imports have been stopped, cuts can, in the main, come from only two sources; raw materials and food. "It would be a policy of despair to concentrate entirely on the materials for industry."

World Health Conference.—A Conference on World Health, which opened at Geneva on August 31, was attended by representatives of the medical and public health authorities of about fifty countries. The Conference is the outcome of an international health conference held in New York in 1946 when it was agreed that a World Health Organisation should be created. An interim commission was then appointed, but before the organisation could be established ratifications were needed from twenty-six of the sixty-one signatory powers. So far, only twenty ratifications have been received, of which only fourteen are from member states. Nevertheless, the Interim Commission has accomplished a considerable amount of work in the year of its existence. It has compiled reports on epidemiological outbreaks in all parts of the world; selected students to study medical and public health conditions outside their native countries; carried out field work in China, Abyssinia and Greece; and engaged in special studies of malaria, tuberculosis,

alcoholism, influenza, cancer, venereal diseases and other conditions.

Rheumatism Locally Notifiable.—An Order dated August 21 (S. R. & O., 1947, No. 1828), which has been issued by the Ministry of Health, makes acute rheumatism notifiable in Lincoln County, parts of Lindsey, and the county boroughs of Bristol, Grimsby, Lincoln and Sheffield. Acute rheumatism is defined as meaning (a) rheumatic pains or arthritis accompanied by a rise of temperature; (b) rheumatic chorea; (c) rheumatic carditis; or (d) valvular disease of the heart of rheumatic origin. It is understood that the purpose of the Order is to enable the rheumatic fever committee, set up in 1946 by the Royal College of Physicians, to acquire data of assistance in determining the early diagnosis and adequate treatment of the disease. Nation-wide notification was considered unnecessary, and the selected areas were adopted as being sufficiently large and having adequate facilities for treatment. The Order comes into operation on October 1 and is for a trial period of three years.

Factories Act Relaxed.—To lighten the load on electricity power-stations by staggering hours of work in factories, the Minister of Labour and National Service has made, under emergency powers, a Factories (Hours of Employment in Factories using Electricity) Order, 1947, which comes into force on September 22. The Order introduces exemptions from some of the provisions of the Factories Act, 1937, relating to the hours of employment of women and young persons, and authorises district inspectors to issue certificates permitting relaxation. The period of daytime employment may begin at 6 a.m. (instead of 7 a.m.) for persons aged sixteen or over, or, alternatively, except on the weekly short day, end at 11 p.m. (instead of 8 p.m.) for persons aged sixteen or over, and at 6.30 p.m. (instead of 6 p.m.) for those under sixteen. The total working hours for persons aged sixteen or over may be more than forty-eight in one week, but not more than an average of forty-eight weekly over two consecutive weeks, or over "a period which appears reasonable to the inspector." Night work may be permitted for women aged eighteen or over, and for male youths aged sixteen or over with certain limitations. Factories Act provisions relating to safety, health and welfare are not affected by the new Order.

LOCAL NEWS

Blackpool Junior Section.—Recent activities of the Junior Section of the Manchester Branch of the Pharmaceutical Society included a visit on August 27 to the works of Cussons, Sons & Co., Ltd. The party consisted of thirty-three members. During the season the Section's cricket team has won four of the five games played.

Fires.—A fire broke out on August 21 at the physiotherapy clinic in King Square, Bridgwater, of Mr. W. Deacon, M.P.S.—A fire destroyed the Yeovil branch of Timothy Whites & Taylors, Ltd., on August 21. Explosions shook neighbouring shops and the main London-Exeter road was blocked. Extra police were posted to watch for dangerous drugs washed by water into the street.

Presentation of Testimonial.—Members of the Birkenhead and Wirral Pharmacists' Association, who recently organised a subscription list for a presentation to Mr. T. S. Jones, met to present him with an inscribed silver tray at Rock Ferry, Cheshire, on September 5. The presentation was preceded by a dinner (open only to those who have received invitations).

West Ham Outing.—About thirty members of the West Ham Association of Pharmacists travelled by coach on August 21 to the Dartford works of Burroughs Wellcome & Co., where they made a two-hour tour of manufacturing, analytical and records departments. Mr. R. L. Grant (deputy works-manager) welcomed the party on behalf of the directors, and Mr. J. Reed (president of West Ham Association) later expressed the party's thanks for "a most enjoyable and instructive visit."

Oxford Science Exhibition.—The Oxford Branch of the Association of Scientific Workers is organising a science exhibition to be held in the University Science Area, Oxford, on September 12-13. In the technical section, subjects to be illustrated include chromatography, crystallography, micro-wave and infra-red spectroscopy, cancer research, hæmatology, ophthalmology and biochemistry, while the general section will deal with streptomycin, weed control, glass-blowing, etc. Film-shows and demonstrations are to be included in the programme. Professor J. A. Ryle (director of the Institute for Social Medicine) is to open the exhibition at 2 p.m. on September 12.

IRISH NEWS

Students at Belfast College.—Owing to pressure on facilities in the Belfast College of Technology, pharmaceutical students from the country are not being admitted until the committee is satisfied that there are vacancies for them. Usually, many apprentices who live outside Belfast take the course at the College.

Comments on N.I. Health Bill.—The following are comments by leaders of the Pharmaceutical profession in Northern Ireland on the Health Bill, the text of which has been made known (see p. 287):—Mr. JOHN MCGREGOR (vice-president, Pharmaceutical Society of Northern Ireland): "The Bill is on the lines anticipated in our consultations with the Minister, and I welcome the recognition which has been given to the pharmaceutical chemist. In general, his position will be maintained in the new service although, as in most modern legislation, a great deal is left to be done by Regulation. I also welcome the representation which the pharmacist is given on the various bodies." Mr. McGregor thought the new Drug Pricing Committee should help the smooth working of the Act in view of the five-months' arrears in the present National Health Insurance payments, and endorsed the provision that the General Health Services Board should arrange for post-graduate courses for pharmaceutical chemists. As to pharmaceutical services in health centres, it would be a matter for the Local Pharmaceutical Committees to show that there would be no necessity for such duplication; existing chemists would be able to provide an even better service than dispensaries of that kind. A clause that enabled the Ministry to exempt doctors in country districts from the principle that no persons other than chemists shall carry out the dispensing of medicines, was largely, said Mr. McGregor, a matter of geography, but it would require to be studied.—MR. ROBERT GIBSON (president, Ulster Chemists' Association and chairman of the negotiating body) said that the Bill followed closely on the lines of the English Act. A point of interest was the provision for establishing a Drug Pricing Committee. "Only the broad outlines of the service are included in the Bill, and matters of detail will be fixed by regulations. We hope these will be drawn up as far as possible in consultation with the pharmaceutical negotiating committee which has hitherto been received favourably by the Ministry."

COMPANY NEWS

MINERALIZATION, LTD. (P.C.).—Capital £15,000. To carry on the business of industrial advisers and consultants, consulting engineers, research workers, processors of all types of fuel and their by-products, etc. Leonard Jones and Minnie Jones, directors. R.O.: Crown Square, Matlock.

VETCO, LTD. (P.C.).—Capital £100. To carry on the business of chemists and druggists, opticians, manufacturers of or dealers in veterinary products and equipment, etc. Eric A. Mott, Henry M. Seward and Henry F. Crowther, directors. R.O.: 14 King William Street, London, E.C.4.

ASHYA Co., LTD. (P.C.).—Capital £100. To carry on the business of manufacturers and distillers of and dealers in perfumes and essences, soaps and toilet preparations, etc. Anwar ul Haque and Henry T. Foulkes, directors. R.O.: 25 Turners Road, London, E.3.

MARIE ANTON WHOLESALE, LTD. (P.C.).—Capital £500. To carry on the business of manufacturing pharmaceutical chemists, etc. Marie A. Quilgotti, Norman Sheppard and Eileen Hore, directors. R.O.: 65 Cromford House, Cromford Court, Manchester, 2.

HEASMAN'S (CHEMISTS), LTD. (P.C.).—Capital £3,000. To acquire the business of a drug store carried on at 48 George Street, Hove and Post Office Buildings, Chapel Road, Worthing; to adopt an agreement between Matthew L. Hendrie and People's Prescriptions, Ltd. Thomas A. Heasman and Alec R. Bowerman, directors. R.O.: South Street, Lancing, Sussex.

MARIE ANTON, LTD. (P.C.).—Capital £1,500. To acquire the business of Marie Anton carried on at 65 Cromford House, Cromford Court, Manchester, 4, and to carry on the business of manufacturing pharmaceutical chemists, cosmetic manufacturers and retailers, etc. Marie A. Quilgotti, Norman Sheppard and Eileen Hore, directors.

CURRIES TOLLCROSS PHARMACY, LTD. (P.C.).—Registered in Edinburgh. Capital £1,500. To acquire the business of a chemist and pharmacist carried on by Mrs. Catherine Aitchison (as executrix of the late John Currie) at Tollcross Road, Glasgow as "John Currie." Catherine Aitchison and Thomas Johnstone, M.P.S., directors. R.O.: 1130 Tollcross Road, Glasgow.

ARCHIBALD CLARK, LTD. (P.C.).—Capital £7,500. To acquire the businesses carried on by A. J. T. Clark as "Clark's Botanic Dispensaries," "A. Clark & Co.," "Wright's Golden Medal Remedies," "John Wilson & Co.," "Nu-feet Products" and "The Medical and Surgical Supply Co." at 23-25 Mansfield Road, and 135 Arkwright Street, Nottingham. A. J. T. Clark and E. W. Reynolds, directors.

YARDLEY & Co., LTD.—The board of the company propose to subdivide each of the 500,000 ordinary shares of £1 (£289,080 issued) into one ordinary share of 4s. and four "A" ordinary shares of 4s. each.

THE DISTILLERS Co., LTD.—Consolidated manufacturing and trading profit, after making provision for E.P.T., profits tax and overseas taxation, from the previous varying balancing dates of individual companies to March 31, amounted to £7,638,059. It is estimated that over a period of twelve months profits would equal about £7,100,000, compared with £6,914,330 for the year to May 31, 1946. The directors recommend a final dividend on the ordinary stock of 2½ per cent., plus a special dividend at the same rate, making a total of 25 per cent., less tax, for the year, against 22½ per cent., less tax, in the previous year.

BUSINESS CHANGES

INJECTA SURGICAL Co., LTD., manufacturers of surgical syringes, removed on September 1 to 31 Priory Park Road, Kilburn, London, N.W.6. Telephone: Maids Vale 8854.

ABBOTT LABORATORIES (ENGLAND), LTD., Wandsworth Road, Perivale, Middlesex, have appointed Mr. J. Ross-Mansell, B.Sc., M.P.S., as assistant general manager, and Mr. J. G. Catto, M.P.S., as sales manager.

THE CHESEBROUGH MANUFACTURING Co., LTD., Victoria Road, Willesden, London, N.W.10, have appointed Mr. James Laurie, M.A., M.I.Ex., as sales manager in succession to Mr. Colin A. Barnes, D.F.C., M.P.S., M.I.S.M.A., who has resigned to take up a new appointment.

THOMAS MARNs, LTD., 2 Caxton Street, London, S.W.1, announce that, from September 8, Mr. J. Allen, who has been engaged on executive duties at the company's head office since August 1944, will resume his activities as representative in the six counties of Northern Ireland.

MR. J. R. FORDHAM, M.P.S., who, prior to his demobilisation recently, was a Royal Air Force pilot, has acquired the only pharmacy on the Channel Island of Alderney. Before the evacuation of the inhabitants of the island in 1940, the business was owned by the Misses Taylor and Connolly. Since the return of the evacuees Miss Connolly has carried it on alone, and, in the words of a correspondent, "as might be expected in such an outpost of Empire, Miss Connolly was called upon to act as honorary veterinary surgeon, unofficial first-aid post, and general counsellor and friend to the inhabitants, by whom her professional services will be greatly missed." Miss Connolly is to open a photographic studio in the island.

TOPICAL REFLECTIONS

Subjects for Discussion

It may be hoped that not only the branch representatives of the Pharmaceutical Society who propose to attend the Torquay meeting arranged for September 17, but also their fellow-members who stay at home, will study the syllabus of proceedings printed on pp. 262-63 of your last week's issue. The motions to be submitted from various branches are not equally important; but I do not propose either to classify them or to discuss them in detail. As a matter of fact, most of the subjects to which they relate have occasionally come up for notice in this section. However, the reports on canvassing by Council candidates and on the time arranged for the annual meeting of the Society suggest two observations not, I think, previously made. As to canvassing, there is an apparent discrepancy between (a) the provision for publication of statements of policy by candidates in the official organ of the Society and (b) the permission to branches to support individual candidates by a "short" letter in "the pharmaceutical Press." Obviously the Council cannot provide facilities for publication of anything in newspapers and periodicals other than those of the Society. But it should be made quite clear that no prohibition is intended against publication of statements of policy by candidates in any trade or professional journal they select. As to the time or times of day to be fixed for the Society's annual meeting, I suggest that since the establishment of the National Pharmaceutical Union this meeting has become less important than before. I do not regard it as having lost all, or even most of its importance: there may be years when it will be very important. But the average annual meeting of the Society is largely a function "u.a."

A Century in the City

The centenary of the well-known firm of Orridge & Co. (p. 256) is an event of unusual interest. Mr. B. B. Orridge, the founder, has a claim to remembrance in addition to success in business. On his retirement from the Common Council of the City of London in 1869 he was presented with an address testifying to his services as chairman of the Library Committee. The address showed that he actively supported research connected with civic history: he promoted the publication of H. T. Riley's "Memorials of London,"

and established the fact that relatives of Shakespeare continued to live in Bucklersbury—famed for simples—till about a century after the poet's death. Business conditions in the City when Mr. Orridge began to advertise in *THE CHEMIST AND DRUGGIST* in 1859 differed so much from those of today that they have acquired a "period" value. An article in "London Society" (1,325 ff.) gives a contemporary's account of ways of reaching the City from the suburbs in 1862. That process must have been somewhat of an ordeal. Railway termini were few; and to crowd into a bus at Paddington for slow travel to somewhere near the Bank was distinctly uncomfortable. The underground system was then little more than a piece of wishful thinking. The "swift-going single-horse cab" and the "dashing Hansom" were time-saving but rather expensive; and traffic jams, judging from a print I saw not long ago, were quite as bad as today.

Exhibitions as Indicators

Yet our mid-Victorian men of business had the advantage of living in an age of industrial expansion. In 1859 one international exhibition was a pleasant memory in Great Britain and another was being planned. Your report of the "Enterprise Scotland" Exhibition (p. 254) is a reminder that we too are living in a period of exhibitions. On August 29 the Industrial Wales Exhibition was opened in London, and it is not very long since the "Britain Can Make It" display attracted crowds. But the parallel does not go far. In 1859 an onlooker might have described the industrial barometer as standing at "Set Fair"; no one, I suppose, would venture that description now. We are told by some commentators that we ought to get rid, by emigration, of a substantial number of our people. On that I express no opinion. But what is the common purpose of present-day exhibitions if not to demonstrate that the old manufacturing skill and initiative are still alive in adequate strength? Pessimists may be advised to read the significant memorandum sent recently to the Prime Minister by the Federation of British Industries. One sentence is: "By a demonstration now of our courage and genuine determination to fight our own way clear, we could quickly turn world sentiment into a wish to help us to help ourselves."

Xrayser

INQUESTS

Aspirin and Luminal. — At an inquest recently on a woman at Thirsk, the widower stated that, near to his wife's bed, he had found empty a bottle which had previously contained nearly 100 aspirin tablets, together with an empty Luminal tablet box. A doctor stated that he had given Mrs. Holmes about thirty Luminal tablets and had warned her not to leave them lying about. The coroner returned a verdict that death was due to an overdose of the drugs while the balance of mind was disturbed.

Death After Injection. — At Manchester recently, a verdict of accidental death was recorded at an inquest on Mrs. Elizabeth Allen, a patient at Crumpsall Hospital, Manchester, who died after an injection of amethocaine hydrochloride. Mr. W. E. Phillipson (chief pharmacist at the hospital) stated that the theatre verbally had requisitioned a 1 per cent. solution of amethocaine. Five ampoules were prepared. He agreed that unless the labels were read carefully the percentage of solution might not be seen, and that it might have been better to print the percentage on the centre of the label. The 1-100 solution was usually put up in a small ampoule, one-fifth of the size of the ampoule used, but the department had no 20-c.c. ampoules in stock. Multi-dose bottles were also lacking. There was no difference in colour of the preparation according to strength. Mr. R. A. Bailey, neuro-surgeon, stated that, over the shoulder of the theatre sister, he had read the label on a large ampoule, and he did not notice that it contained a 1 per cent. solution. After the injections the patient had convulsions, and he then carefully examined the label and saw that the solution was too strong. Every effort was made but failed to revive the patient. A nursing sister said she understood there was only one dose in a solution of 1-1,000 in the large ampoule. Otherwise, it was normal for what were called multi-dose bottles to be used. The coroner said it may well have been the duty of the surgeon to be certain of the writing on the ampoule label, but there were circumstances about the case that ought to be taken into consideration. He felt the "human element" had failed. He made the suggestion that in future the strength of the solution should not be put at the side of the label, as had been done in that instance, but should be prominently indicated in the centre of the label that gave the name of the drug.

LEGAL REPORTS

Spa Directors Fined.—At Abergele, N. Wales, on August 25, fines totalling £2,081, plus costs totalling £1,050, were imposed on Rheuma Spa, Ltd., Dr. Clarence Johnson, Mrs. M. E. Johnson, and Captain Charles Harcourt Henderson, manager of Rheuma Spa, Ltd., for dealing in intoxicating liquors without an Excise licence and for selling liquor without a Justices' licence at Kinnel Hall, the address of Rheuma Spa, Dr. Johnson's orthopaedic clinic, and the Kinnel Hall Country Club.

Doctor's Drug Offence.—A fine of £25 was imposed at Marylebone court recently upon Dr. Ralph Martin Case, 39 Fitzjohn's Avenue, Hampstead, London, N.W.3, on a charge of attempting to obtain five tablets of diamorphine from a Vere Street pharmacist without authority. A detective-sergeant said that the defendant was a medical practitioner whose authority for dealing in dangerous drugs had been taken from him in May. After obtaining the tablets, he was seen by the police, to whom he admitted that the prescription was false, and that he himself had written it.

Pharmacy Act Cases.—At Stoke, Staffs, magistrates' court, recently, charges against Peter Russell Thompson, drug-store proprietor, 43 Victoria Place, Fenton, under the Pharmacy and Poisons Act, 1933, and to which he pleaded guilty, were dismissed, and fines totalling £5 10s., with £4 4s. costs, were imposed upon Halsteads (Chemists), Ltd., on charges of aiding, abetting, counselling and procuring Thompson in each case; the defendant company put in pleas of not guilty. The charges against Thompson were of selling morphine by retail, although not an authorised seller of poisons, in a preparation known as Halstead's 109 influenza and fever cure; and of selling the preparation when the carton enclosing the container was not labelled in the prescribed manner. It was stated by an inspector of the Pharmaceutical Society that, when he pointed out the alleged offences to Mr. Thompson, the reply was that the mixture had been bought direct from Messrs. Halstead. The bottle was in a cardboard container on which there was nothing to indicate that the mixture contained morphine. It was a simple matter for a manufacturer or wholesaler to distinguish between a qualified chemist and an unqualified drug-store proprietor by reference to a published register.

BIRTHS

RAINFORD.—On August 28, Hilda, the wife of William Sidney Russell Rainford, M.P.S., The Cross Pharmacy, Buckley, Chester, of a daughter.

THOMSON.—At Simpson Memorial Pavilion, Edinburgh, on August 22, Reita (née Main), the wife of George Findlay Thomson, M.P.S., 160 Morningside Road, Edinburgh, of a son.

MARRIAGE

Golden Wedding.—**JOINER—BURNS.**—At Glasgow, on August 26, 1897, Alexander Joiner, M.P.S., to Jessie Smith Burns. Present address: 1 Douglas Street, Nairn.

DEATHS

ALLISON.—At a hospital in Glasgow, on August 28, Mr. Eric John Brownlie Allison, M.P.S., 246 Crow Road, Glasgow, W.1, aged forty-two. Mr. Allison was a native of Aberdeen, and qualified in 1927. For some years prior to his death he conducted a successful business in the West End of Glasgow. He was a valuable supporter of the local branch of the Pharmaceutical Society and a member of its executive committee; he was also closely connected with the Glasgow Pharmacy Club and the Y.M.C.A. He is survived by his widow and a young son. At the cremation service in Glasgow on September 1 there was a large attendance of pharmacists including Messrs. T. Guthrie (a past-president of the Society), R. McAdam (vice-chairman, North British Executive), R. McCrone, S. Hughan, and A. Officer, (chairman, vice-chairman, and secretary respectively of the local branch). Mr. W. Peebles represented the Pharmacy Club as its president.

BOOR.—On August 24, Mr. Bertram I. Boor, 30 Stamford Road, Longsight, Manchester, aged fifty-one. Mr. Boor was for many years the sundries buyer for D. Mawdsley & Co., Manchester.

CADOUX.—On August 2, after a short illness, Mr. John Leonard Cadoux, M.P.S., 111A High Street, Ruislip, Middlesex. Mr. Cadoux qualified in 1912.

GREEN.—On August 9, Mr. William Green, M.P.S., 46 Edward Street, Westbury, Wilts, aged sixty-six.

KENDALL.—On July 21, Mr. George William Kendall, M.P.S., 12 Ashbourne Crescent, Bolton Lane, Bradford, Yorks, aged eighty-one.

LLOYD.—At Pencraig, Holloway, Haverfordwest, Pembrokes, on August 16, Mr. Gwilym Henry

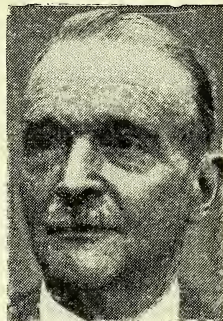
Lloyd, M.P.S., aged seventy. Educated at Solva and Carmarthen, Mr. Lloyd served his apprenticeship with Mr. G. Phillips, Carmarthen, qualified in 1899 and afterwards opened in Solva a pharmacy which he carried on, together with the local subpostmastership, for forty

years. For six years he served as chairman of the Pembroke, Cardigan and Carmarthen Pharmacists' Association, which he represented at the British Pharmaceutical Conference held in Birmingham in 1939, and of the county branch of the National Pharmaceutical Union. In 1939 he was also the president of the Pembroke Subpostmasters' Federation. Mr. Lloyd was a deacon and treasurer of the Solva Congregational Church, and treasurer of the Memorial Hall and Solva Regatta for many years. Upon his retirement, in 1942, he was presented by local residents with an inscribed album and wallet of treasury notes.

SURFLEET.—At Danes Lea nursing home, Bridlington, on August 25, Mr. Arthur George Surfleet, PhC., 156 Sewerby Road, Bridlington, aged eighty-one.

The funeral service was held at Priory Church, Bridlington on August 28. Mr. Surfleet qualified in 1888 and passed the Pharmaceutical Chemist examination the following year. He spent some years in retail pharmacy before transferring to the wholesale side to serve thirty-eight years with Lofthouse & Saltmer, Ltd., Hull, of which he became a director and ultimately chairman. He retired in 1940.

WHEELER.—On August 25, Mr. John Phillips Wheeler, M.P.S., 260 High Street, Chatham, aged sixty-nine.



TRADE NOTES

Currently Advertised.—Advertisements are now appearing in the Press for Esobactulin protection against colds, manufactured by Southon Laboratories, Ltd., Upper Richmond Road, London, S.W.15.

Price Increase.—An increase in the price of Red Heart canned dog food is notified in an announcement on another page by the manufacturers, John Morrell & Co., Ltd., Liverpool and London.

Pharmacy Design.—The new Norwich pharmacy which was the subject of an article in *THE CHEMIST AND DRUGGIST* (August 30, p. 261), was designed and constructed by Myers of Old Street (L. Myers (Shopfitters), Ltd., London, E.C.1.

Again Available.—United Chemists' Association, Ltd., Ucal Works, Cheltenham, announce that Ucal pain powders for nerve pains, neuritis, headaches and neuralgia, are again available in limited supplies.

Penicillin Preparations.—A list of the penicillin preparations and salts issued by Imperial Chemical (Pharmaceuticals), Ltd., The Ridge, Beechfield Road, Alderley Edge, Manchester, is given in the company's announcement on another page.

New Household Products.—Chemical and Natural Products, Ltd., Wimbledon Factory Estate, London, S.W.19, have introduced, and are extensively advertising, Scrubb's furniture cream and Scrubb's silver and plate cleaner.

Allocation Scheme.—An improved supply position has made it possible for Vitamins, Ltd., Upper Mall, London, W.6, to terminate the cash-with-order rationing scheme which was adopted by the company during a period of acute shortage. Reference should be made to the company's recent announcements.

Temporary Extra Bonus.—A special offer open until October 31 provides for a substantial addition to the normal bonus terms for Stocksense poultry conditioner. Details are given in an announcement by the manufacturers, Bob Martin, Ltd., Southport, Lancs, which appears elsewhere in this issue.

Holiday Closing.—The London offices of Edwards, Sons, & Partners, Ltd., 32 Shaftesbury Avenue, London, W.1, will be closed from September 12-25. During that period all correspondence for the company should be sent to the Manchester office of

Messrs, Edwards, Cleveland Buildings, 94 Market Street, Manchester, 1.

New Proprietaries.—A number of new proprietary preparations issued by Marshall's Proprietaries, Ltd., 110 Cannon Street, London, E.C.4, are listed and illustrated on another page of this issue. The range includes Luma anti-rheumatic compound, Marshall's nursery powder, Petal Dust moth preventer and Marshall's Wonder and "all-fab" washers.

Pre-war Quality Again.—Dunlop Rubber Co., Ltd., Cambridge Street, Manchester, announce that the quality of Dunlop hot-water bottles is again at pre-war standards. It is not yet possible for the manufacturers to meet all demands from retailers, who are advised to keep in constant touch with wholesalers.

Formula Change.—Ward, Blenkinsop & Co., Ltd., 8 Henrietta Place, London, W.1, point out that, although it was their intention to include Perparine in their speciality, Placadol, which was reviewed in "Guide to New Medicaments" (*C. & D.*, August 30, p. 265), the product was, in fact, marketed with papaverine hydrochloride, according to the following formulas: Tablets: Papaverine hydrochloride, 60 mgm., homatropine methylbromide, 1.5 mgm.; ampoules: 2-c.c., containing papaverine hydrochloride, 40 mgm., homatropine methylbromide, 1.5 mgm.; Placadol Sed: Papaverine hydrochloride, 60 mgm., homatropine methylbromide, 1.5 mgm., codeine phosphate, 10 mgm.

Supplies in "Token" Quantities.—White Laboratories, Ltd., 4 The Park, Mitcham, announce that token imports of Feenamint chewing laxative are now arriving in this country. It will be recalled that the company suspended activities in this country early in the war, when the managing director, Mr. W. E. G. Huggett, who had been in the Royal Air Force Reserve, was called up for active service. Mr. Huggett served with Fighter Command during the whole period of the war. Since his return he has concentrated his endeavours on restoring the normal business activities for the company. Plans are in hand to manufacture the preparation in this country and to export to territories within the British Empire. At present that is not possible and the token imports are a "half-way house."



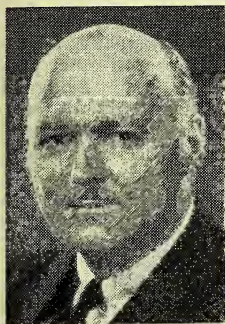
Mr. D. M. ...
recently appointed
president of the
Royal Society of
Applied Photography,
C. & D., August

Museum, Q.
10-14. The
centre will
be by
Industrial
pany at W

Prop

Advertisements
of Co., Mar
received from
Clinical Pa
of Sons, L
monetary,
actual price 2
Porto, De
195, dec., 1
195, dec., 1
Alterations
Coddington
num orders
display; Par
claw, tax 5
1955.—Reduc
ter 1; by pu
tax 45, doz
terms: Bon
mixed order
to total val
total value
exchange fr
Bezzan ely
September
tax 45, doz
John Bel
plates (1 B
don., 14 p
large, 55, 30
10, 10.
Advertisements
Ltd., Bron
don., 14 p
Victor M
tax 45, doz
14 p, 17 p, 6

Exhibition on Tour.—An Exhibition of Applied Photography organised recently in



Mr. D. McMaster, recently appointed vice-president of the Eastman Kodak Co., U.S.A. (see C. & D., August 2, p. 133).

London by Kodak, Ltd. (see C. & D., May 24, p. 591), is to tour the provinces. The programme includes the following fixtures: People's Hall, Albion Street, Leeds, September 9-12; 244 Deansgate, Manchester, September 29 - October 3; McLellan Galleries, Sauchiehall Street, Glasgow, October 13-17; Chamber of Commerce, Birmingham, October 27-31; and City Museum, Queen's Road, Bristol, November 10-14. The times of exhibition at each centre will be 10 a.m. to 5.30 p.m. Admission is by invitation, obtainable from the Industrial Sales Department of the company at Wealdstone, Harrow, Middlesex.

Proprietary Articles Trade Association

Additions to Protected List (Part 1).—*Allen & Co.*, Marigold cushion soother, 1s., 96s. gross (exempt from tax).

Clinical Products, Ltd. (Agents: *S. Maw, Son & Sons, Ltd.*), Menovo tablets for spastic dysmenorrhoea, 12's, 18s. doz., tax 3s. doz., inclusive retail price 2s. 3d.

Parke, Davis & Co., Liquor Sedans, 4-fl. oz., 34s. doz., tax 6d. each, i.r.p. 4s. 9d.; 16-fl. oz., 120s. doz., tax 1s. 8d. each, i.r.p. 16s. 8d.

Alterations (Part 1).—Bayer Products, Ltd., Codalgin tablets, Bonus of thirteen to doz. on minimum orders of 1 doz. given in return for counter display; Panflavin tablets (new pack), 30's, 12s. doz., tax 2s. doz., i.r.p. 1s. 8d. Bayer aspirin tablets.—Reduced prices and terms to trade, September 1; to public, October 1: 5-gr., 100's, 24s. doz., tax 4s. doz., i.r.p. 3s. 4d. Rewording of bonus terms: Bonus of three packings of 25 x gr. 5 on mixed orders for P.A.T.A. packings of Bayer aspirin to total value of 24s., and of twelve packings to total value of 48s. Bonuses will be given in exchange for fourteen days' window display. Betaxan elixir.—Reduced prices and terms to trade, September 1: to public, October 1: 8-oz., 24s. doz., tax 4s. doz., i.r.p. 3s. 4d.

John Bell, Hills & Lucas, Ltd., Tonic Phosphates (J.B. Brand), 4-oz., 30s. doz., tax 3s. 4d. doz., i.r.p. 3s.; 8-oz., 35s. doz., tax 5s. 10d. doz., i.r.p. 5s. 3d.; 16-oz., 60s. doz., tax 10s. doz., i.r.p. 8s. 8d.

Additions to Protected List (Part 2).—Brontan, Ltd., Brontan sun-tan cream, 12s. doz., tax 12s. doz., i.r.p. 2s. 6d.

Victor Miller, Millertone hair bleach, 26s. doz., tax 26s. doz., i.r.p. 5s. 6d.; 84s. doz., tax 84s. doz., i.r.p. 17s. 6d.

NEW PENICILLIN PROCESS

Two American scientific research workers, George M. Eisenberg and Joseph L. Metzendorf, have developed a new process whereby high concentrations of penicillin are said to be produced in increased quantity in much less time than by any previous method. Penicillin production on a commercial scale by the submerged, or deep tank, fermentation process, though regarded as the most practical at present, has presented difficulties which the use of conventional apparatus has so far failed to solve satisfactorily. A new fermenter tank, designed to overcome the disadvantages hitherto encountered has been developed by Eisenberg and Metzendorf. Their process, instead of attempting to agitate the entire mass sufficiently vigorously to disperse the sterile air therein, is carried out by continuously withdrawing a portion of the mass from the fermentation vessel, agitating the withdrawn portion vigorously while passing air into it, and returning the gas-liquid suspension to the main body of the fermenting mass. The new process could produce two to three times more penicillin than conventional ones.

PENICILLIN ORDER

UNDER a Control of Penicillin (No. 3) (Revocation) Order, 1947 (S.R. & O., 1947, No. 1831) issued by the Ministry of Supply and effective from August 30, penicillin and penicillin preparations are freed from control by the Minister. The Order results from the coming into effect of the Penicillin Act, 1947, on July 18, and of the Therapeutic Substances Amendment Regulations, 1947, on August 18. From August 30, licences granted under the Control of Penicillin (Nos. 1 and 2) Orders, 1946, cease to have effect. Firms wishing to manufacture penicillin preparations need no longer obtain the approval of the Ministry of Supply in order to acquire penicillin in bulk, but for manufacturing preparations of penicillin for parental injection it continues to be necessary to apply to the Licensing Authority under the Therapeutic Substances Act, 1925, for a licence.

The effect of the Penicillin Act is, of course, that penicillin and its preparations may be supplied and administered to the public only on the prescription of a qualified medical practitioner, dentist or veterinary surgeon, or by a registered pharmacist on the prescription of a doctor. The Act does not affect export or wholesale trade.

GYMRU DDIWYDIANNOL

By Ifor Stethvod

AN infrequent glimpse of Cader Idris or of the hills around Abergavenny, plus a rare pilgrimage to Gelert's tomb, have engendered in me a love of Wales, but I am not a Welshman. It was as an Englishman that I visited "Industrial Wales," an exhibition devoted to the industries of Wales and Monmouthshire, which opened at Olympia, London, on August 28, and remains open until September 13. I went half hoping, perhaps, for a reflected glint of the sun rising over the Welsh hills.

I was much impressed with the exhibition. It occupied three floors of the Empire Hall at Olympia and ranged from coal mining on the heavy side of industry to dog medicines in the field of light manufactures. It gave convincing proof that Wales is an industrial area of importance not only to herself but to Great Britain as a whole. As a pharmacist, I naturally looked for Welsh contributions in the field of chemistry and its ramifications. From a pre-eminent coal-producing country they were not far to seek. A central exhibit devoted to coal included panels showing the applications of coal in science, in medicine, and in the manufacture of fertilisers and insecticides. The stand of MONSANTO CHEMICALS, LTD., Wrexham and London, took the story a stage further by showing how chemicals obtained from coal-tar had multifarious uses in health, industry, sport, and other fields of human activity. Also shown here, were samples of some of the chemicals produced by the company. At the stand of GRAESSER SALICYLATES, LTD., Sandycroft, nr. Chester, were to be seen specimens of the chemicals manufactured and marketed by the company, including aspirin crystals, powder and tablets, salicylic acid and sodium salicylate, salol, sodium phenate and acetate, benzoic acid, etc. Their relationship to the basic raw material, coal, was well illustrated, and examples of small and bulk packages completed the display. Further evidence of the association of Wales with pharmaceutical manufacture was to be found on the stand of the British Gas Council where among a series of photographic panels illustrating the uses of gas in industry, a particularly noteworthy example was a photograph illustrating the drying in a gas-fired oven of vacuum flasks after silvering. At the lighter end of the industry, prepared medicines appeared on

the stand of KORAY, LTD., who now exclusively manufacture their Harrogate health salts, Betalax laxative drops and other proprietary preparations at their Bridgend Works; of ELEPHANT CHEMICAL CO., LTD., Barmouth, who issue a non-poisonous disinfectant Elkosan; and of NUPAX, LTD., Liverpool, who manufacture aspirin tablets, iodine solution, petroleum jelly, etc., at a factory in Flintshire. In close proximity to a display of Welsh corgi dogs an exhibit of dog remedies was staged by A. F. SHERLEY & Co., LTD., London. An important Welsh industry of recent development, that established by GNOME PHOTOGRAPHIC PRODUCTS, LTD., Cardiff, was represented by a display of dark-room equipment, lighting outfits, projectors, enlargers and accessories. The Exhibition included, in the stand of the BOARD OF TRADE, a hint to industrialists at large that Wales offers advantages as a home for new industries. At the Board's stand there was to be seen, among other things, constructed in transparent plastic, a model factory and canteen of a type which are being constructed in development areas in South Wales and Wrexham.

I was much impressed, as I have already said, with the Exhibition. If I had a disappointment, it was that it differed so little from many other exhibitions held in London. Even the exhibitors were mainly English, with the titles typical of English industrial concerns, and often suggesting recent settlement in the Principality. A Welsh name was a rarity.

PERSONALITIES

PROFESSOR J. H. GADDUM (professor of materia medica in the University of Edinburgh, and formerly professor of pharmacology at the College of the Pharmaceutical Society) has been appointed a member of the Medical Research Council from October 1.

PROFESSOR HANS FLUCK, D.Sc., (of the Pharmaceutical Institute, Zurich, Switzerland) has been awarded the Hanbury Memorial medal for research in the natural history and chemistry of drugs. He is to be presented with the medal at an evening meeting of the Pharmaceutical Society in November, which he is to address.

BRITISH ASSOCIATION'S ANNUAL MEETING

SIR HENRY DALE, in a presidential address at Dundee, on August 27, to the first normal meeting since 1938 of the British Association for the Advancement of Science, mentioned the stimulus which scientific research and production had received as a result of the war. He quoted as an example "the lavish character" of industrial enterprise which quickly overcame the difficulties of manufacturing penicillin on a large scale. The provision of adequate plant for manufacturing mepacrine, another example, might have prevented "a military disaster and human tragedy of the first magnitude" when the supply of quinine was cut off by the Japanese invasion of the East Indies.

Certain inventions, "made with no purposes but those of war," had found peaceful use in directions unforeseen. For example, di-isopropylfluoro-phosphonate, commonly known as D.F.P., had been under trial in Germany during the war as a possible chemical weapon, and was later found by workers in Britain and America to annul the action of cholinesterase — an enzyme playing an important rôle in the transmission of certain nerve impulses. Recent work, however, had shown D.F.P. to be a valuable tool of physiological research, and a remedy, when suitably administered, for paralysis of the intestine, which might follow an operation. "So the wheel has come full circle," he said, "and the sword, forged as a lethal weapon, finds use, not only as a ploughshare of peaceful research, but even as a shield for threatened lives."

Discussion on Antibiotics

At a discussion on antibiotics between chemists, botanists and physiologists, held on August 30, SIR ALEXANDER FLEMING defined an antibiotic as a substance produced by a living body which has a destructive or inhibitory effect on a micro-organism. The word, he said, had been coined in France nearly sixty years ago. Fifty years ago a substance called pyocyanase, made by *Bacillus pyocyaneus*, was recommended for the treatment of diphtheria, though without much success.

DR. E. C. CHAIN spoke of the significance of new studies on gramicidin, an antibiotic discovered by Dubos in 1939. A simple form of this drug called gramicidin S had been discovered by Russian workers. Its molecule had been found to consist of "five very ordinary substances that are

constituents of common proteins." Why was it that, when these harmless substances were put together in that particular way to form gramicidin S, they acquired the property of being able to kill certain microbes? "Would it not seem that the toxic effect depends on some special geometrical feature of the molecule, and if that is so may it not be possible to find geometrical clues to the discovery of powerful new drugs? In that case we might design new drugs for defined purposes with the aid of mathematical calculation."

DR. J. RAMSBOTTOM said that the botanist asks "what is the rôle of the antibiotic in nature? Why does the penicillium mould produce penicillin? Is it an accidental by-product, or is it a weapon against its enemies and competitors?"

Planning in Scientific Industry

Discussing the application of "operational research" to planning in scientific industry, on August 30, PROFESSOR J. D. BERNAL called for the mobilisation of "thousands of idle and largely idle scientists now working at cross purposes or against each other." Professor Bernal estimated that about 20,000 men who were at present redundant or reduplicating each other's efforts, and another 20,000 who were at present superfluous, could be obtained for the key industries by "operational" planning.

SIR ROBERT WATSON-WATT described operational research as "the application of the basic scientific methods of measurement, classifications, comparison, and correlation to the selection of means for attaining, with the least expenditure in effort and in time, the maximum operational effect which could be extracted from the potentially available resources in personnel and material." It could be applied, he said, equally well to short-term and long-term operations, to crisis and to normal conditions.

Development Fund

The British Association has found itself in need of increased financial support and has made an appeal for donations to a £100,000 development fund.

Basic Values.—Chemists announce that the value of basic chemicals in the human body, once estimated as worth 3s. 8d., are now worth £7 15s. 2d.—"Daily Express."

ROBERT JAMES'S DICTIONARY

By Kalamos

Concluded from THE CHEMIST AND DRUGGIST, August 30, p. 253.

Formulas and their Preparation

The treatment of pharmaceutical preparations in the Dictionary leaves something to be desired. Formulas are, on the whole, given in adequate numbers; occasionally, in fact, the number for an ailment or group of ailments is larger than one would expect—as in the case of contusions, for which, *inter alia*, fourteen kinds of plaster are provided. But the description of a class of preparations is often amateurish and suggests a lack of interest.

The article on pills includes a tedious dissertation about excipients; and the best suggestion offered for preventing pills from going mouldy is that they be kept in "an oily Bladder" or "a leaden Pot." Under another heading we are told that the best kind of mercurial pill is one combining mercury with rhubarb, lozenges of alhandal with agaric, scammony and aloes, massed with syrup of peach flowers.

For compound tinctures it is recommended that the ingredients, if unequally soluble, be macerated separately in different portions of the menstruum. In some tinctures the menstruum is an "ordinary" white wine; in *tinctura asthmatica* it is aqua anisi; in *tinctura papaveris composita* French brandy; in *tinctura rosarum rubrum* boiling spring water acidulated with sulphuric acid; in *tinctura viperarum composita* sweet spirit of nitre. "Menstruum" is defined, in a ten-page article, as "a barbarous term . . . [applied] because the Chymists, in its Application to the Solvend, first used a moderate Fire, for a philosophical Month, or forty Days." One of the thirteen inferences ending the article is: "It is not certain, whether any Menstruum has a Power of dissolving any Subject, without the Assistance of Fire." "Laudanum," like "menstruum," incurs the author's censure as a barbarous word, but with the modifying expression "seems to be." Spirits are more briefly discussed than tinctures. They include a spirit of millipedes, obtained by fractional distillation from a "long-bodied" retort. The heading "Spiritus Rector" would probably confuse a modern reader. The definition is: "The prevailing, or ruling Spirit of Vegetables." This, we are informed, "resides in the Oil of Plants, and is extremely volatile, being inimitable by Art."

James had apparently given considerable thought to the ointments then in use; some of his remarks are shrewd. For instance:

"It frequently occurs, that Turpentine, Ceruse, Lard, and some other Things, are ordered to be washed in Rose-water, or the Juice of some Herbs; but this is a Circumstance that avails so little to any Purpose of Moment, that I never knew it complied with. . . . It may here, also, be observed in general, that where Oil is directed in an Ointment or Plaister, the wholesale Traders, who seek only Profit, generally substitute Lard; and where Ceruse, Minium, or Litharge are concerned, they are generally used in Overproportions, because they make such a Weight come out much cheaper."

The principal ointments then used as detergents by surgeons were, we learn, *unguentum è gummi elemi* and *basilicon minus*. Then follows the remark that among these newly added but "not yet so much established in the Shops" are *unguentum basilicon flavum* and *unguentum aureum*. (The London Pharmacopœia of 1746 had three basilicon ointments, yellow, green and black.) Four ointments are named with the criticism that it is "pretty difficult to tell what they were intended for," and they are said to be ignored by prescribers and retailers alike. As to pomatum, "both the Making and Use of that is almost entirely got amongst the Women; that which is directed in the Dispensatory being of no manner of Regard." On turning to "Pomatum Unguentum," for which prescriptions "abound," we are told, in dispensatories, we get a hint derived from Quincy: "The common Practice of the Shops has of late found out a much nearer Way; which is of buying it of Persons, who make it their sole Business to beat up fresh Hogs-lard with Rose-water, into a kind of Curd; and scent it with any of the aromatic Oils, most suitable to the Liking of their Customers." From this practice to actual adulteration is perhaps only a step. Under "Oleum" we find a complaint that "the true and genuine Oils of Plants are rarely to be had in the Shops; since, in order to increase their Weight and Price, 'tis customary, in distilling them, to mix with them some pinguinous or other Substances of little Value."

Typical of the Period

As I have indicated, James tries to be consistently scientific: such phrases as "it is said that" occur rather frequently in the Dictionary. He was not the first author to query popular beliefs. Under "Cuniculus," Lemery is cited as deriding the notion that the consumption of rabbits' brains weakens the memory. On the other hand, James sometimes takes a traditional or conventional view. Examples are:

"Saffron is a most noble Cordial, and a Strengtheners of the Heart and vital Spirits, resists Putrefaction. . . ."

"An Hen slit, and apply'd to the Head while the Blood is hot, is of good Effect in the Phrensy, Cephalalgia, and other Disorders of that Part. . . ."

"Swallows, with their Young, burnt to Ashes, are a Specific in the Epilepsy, and for Dulness of Sight, and Lippitude, if made into a Litus [i.e., a liniment] with Honey. . . ."

In discussing cinchona our author is circumspect. The article on that drug extends to eleven and a half pages and includes the familiar Countess legend, but his own method of administration occupies only a modest space near the end. An unusual case of recovery by its aid from a "mortification" fills more than two pages. The variety of medicines taken and of surgical operations performed was so great that one wonders how the patient managed to survive. The discursiveness of the Dictionary has been mentioned. A good instance is found under "Indusium. A Shirt, or Shift." The article begins: "It has been a controverted Point among some Physicians, Whether it is proper to change the Linen in Distempers, or not?" Cases of patients apparently recovering from plague, but dying "upon putting on Linen wash'd with Soap" are alluded to; and clean linen is not the only danger:

"A consumptive Gentlewoman, in *Sheffield*, by the Advice of a Physician, putting on a Flannel Shift, though she was able very well to walk about the House, in two Days time she was confin'd to her bed (from whence she never rose), without any other evident Cause than wearing Flannel."

Similarly, under "Chemia" James goes out of his way to criticise Robert Boyle for concealing "some of his most important Discoveries from all the World, except perhaps his own Workmen, from whom he could not always hide them." In discussing phosphorus, Boyle's product is said to be imperfect; but it is obvious, from the accounts

of various "phosphori" given, that the chemistry of the respective processes was far from clear in 1745. The same comment may be made on the pharmacy of theriaca. Fourteen kinds are described; thirteen are for internal administration, and the fourteenth is a plaster.

A Marvellous Explosion

With an outstanding example of anecdote, found under the heading "Balsam of Sulphur with Turpentine," this account may be ended.

"A certain Apothecary putting some *Balsam of Sulphur*, with Oil of Turpentine, into a pretty strong Glass Retort, committed it to a Sand-heat; and the Mouth of the Receiver being strongly shut up, he apply'd a very brisk and intense Fire. Soon after such a violent Noise was heard, as made the People who were in the House imagine, that a Hurricane had arisen of so boisterous and dangerous a Nature, as to threaten the immediate Ruin and Downfal of the House. A certain Apothecary's Apprentice standing by the Mortar in the Area not far from the Laboratory, was suddenly dash'd against the Wall; and another, who was standing within the Gate of the Area, being, as it were, thunderstruck, dropp'd down upon the Ground. But, upon his Recovery, he perceiv'd a very fetid and strongly sulphureous Smell; and suspecting from this circumstance, that the Havock and Confusion produced was owing to an incautious and injudicious Management of Sulphur, he ran with all the Haste he could, along with a Neighbour who came to discover the Cause of so uncommon a Noise, into the Laboratory, where they found one half of the Retort remaining in the Sand, and the other half, together with the Neck, forcibly driven a great way into the Area, through the Kitchen-windows, which it had broken and shatter'd very terribly.

"Nor were these the only Effects produced by this impetuous Explosion; for it broke the Door of a Cellar, and forcibly drove it, and some Pots and Dishes, out of the Kitchen into the Area. It also broke another Door which communicated between the above-mentioned Cellar and the Laboratory, and tore a very strong Lock off it; and as from the same Cellar there was an ascent by a winding Stair-case, built in a manner resembling a spiral Shell, to another Apartment, it also broke open the Door of that."

A SIGHTSEER AT JERSEY'S TUNNEL HOSPITAL

WHEN I visited the German military underground hospital at St. Helier, Jersey, I found that it was hewn out of solid rock. The hospital consists of two long parallel corridors, which seemed to stretch for miles into the earth. Footsteps reverberated along its concrete floors and the chill in the air awakened memories of descriptions of King Solomon's Mines. The two main corridors are connected by two others. Third and fourth transepts were started but never finished, and had to be sealed up. They were not the only things to be sealed up in these solid rocks. It is known that many of the workmen lie buried in the side walls of the hospital, having been killed by falls of rock and in other ways and buried where they died. The constructional work was not carried out by the Germans themselves, but by Russian slave labour principally recruited from the Ukraine and brought from their homes on foot practically across Europe. They arrived in a pitiful condition without footwear and half starved. A few women and children accompanied the men and all were guarded by S.S. men specially trained to set upon any poor creature who at-

tempted to escape. It took the slaves two-and-a-half years to construct this hospital. Entrance to the main wards was from the transverse corridors. The hospital was found fully equipped with beds to accommodate 600 men. The operating theatre, also fully equipped—dispensary, complete to the last detail, nurses' quarters and kitchens were also found ready for immediate use. Despite its unusual position, the hospital is centrally heated, air-conditioned, supplied with water and electric light and is fitted with a drainage system. Current is generated by a Diesel-driven plant on the premises. The engine also supplies power for the air-conditioning plant which, however, in case of emergency, can be hand-operated. The air pumps for this purpose can be seen in the various wards and store-rooms. Today, perhaps the most striking feature of the underground hospital is the almost incredibly large number of names, addresses, messages—both interesting and questionable—that adorn its walls. Surely a better use could be found for so well-built and well-equipped structure as this underground military hospital than turning it over to the tender mercies of tourists!

EDUCATION DISCUSSION AT STRATFORD

A SPECIAL meeting of the East Metropolitan Branch of the Pharmaceutical Society was held at Stratford on August 12, Mr. S. CLIFFORD JONES presiding.

Mr. R. B. DAVIES introduced a discussion on the education proposals of the Council. The education policy of the Society, he thought, showed that the interests of the retail pharmacist were gradually being dropped in favour of the requirements of "highly commercialised organisations." Mr. W. H. CLOUD considered the Society had no alternative but to advance its education requirements if pharmacists were to keep their professional status and a split in the profession was to be avoided. Mr. D. L. LENAHER thought that the Society was weak in so far as it had no sense of independence, and made no distinction between its practitioners and specialists. He considered a twelve months' course ample for the practitioner at present and that the increase in the syllabus should be gradual. Mr. A. BLACKLEY advocated a university qualification for all pharmacists.

Mr. L. H. MOPPETT spoke of the "crum" necessary to absorb the present

syllabus in nine months, and foresaw dispensing drifting into a purely academic occupation. He thought the limitation of pharmacies was compatible with a lower entry rate into pharmacy. He advocated a two years' post-intermediate course, to be followed by a two years' traineeship in a selected branch of the profession.

Mr. S. ROBINSON felt the question was whether the future pharmacist should be educated so that he or she would be capable to undertake any function in retail, manufacturing, hospital or administrative pharmacy, or whether specialists should be made in each sphere. The latter might prove to be a "caste" system in which the retail pharmacist would eventually become the "untouchable." To produce a fully educated pharmacist, a three years' course seemed a minimum. He considered the Society's education proposals moderate, timely, and worthy of support.

Physicists in Pharmacy

Mr. S. Fox thought it futile to endeavour to train "comprehensive" pharmacists and considered two qualifications desirable.

He deprecated the attempt to produce "little Einsteins" and "great physicists" to practice retail pharmacy.

MR. E. A. DARLEY suggested that the aim of the new proposals was to provide men to hold the position of chief administrative pharmacist to local authorities, health organisations, or to large health centres. Few of this type of man were necessary, and it was useless bringing all pharmacists to this high standard. The whole trend of policy was away from retail pharmacy. MR. G. BAXTER considered that all members should be ahead of the syllabus to prepare the way for the future. There should be opportunities for the young M.P.S. to attend courses to attain

at least Ph.C. standards even if it were necessary to provide facilities on half-days and Sundays.

A proposition by MR. S. FOX that "Whilst members considered there should be some advancement in educational requirements, the suggestions of the education committee were not necessary for the full training of a pharmacist" was carried by a small majority.

MR. J. E. WATTS then analysed the proposed revisions in the Society's constitution. The meeting approved the changes except that it considered a practical traineeship should be necessary before graduates in pharmacy of British universities, or foreign pharmacists, were eligible for registration.

MEDICAL ABSTRACTS

Trials of Analgesic. — *dl-2-Dimethyl-amino-4:4-diphenyl heptan-5-one hydrochloride* was found to be as analgesically potent as morphine, and ten times as potent as pethidine, when tested on volunteers by Hewer and Keele (preliminary communication, "Lancet," August 23, p. 281). The drug, which was first introduced in Germany, when it was known as Höchst 10820 or Amidone, is known in Britain as Physeptone [formerly Miadone], and in America as Dolophine. For comparison tests, pain was induced by working the muscles of forearm under a condition of blood deficiency, produced by distension of a sphygmomanometer cuff. With practice a number of stages in the development of pain became recognisable. The drugs were injected intravenously and began to take effect within 1-2½ minutes. Physeptone produces "at least as much euphoria" as morphine and pethidine, and therefore may be a drug of addiction. Giddiness and blurred vision were less with Physeptone than with pethidine, and nausea and vomiting occur less frequently than with morphine.

Benadryl in Skin Diseases. — Beta-dimethyl amino-ethyl-benzohydryl ether hydrochloride (Benadryl hydrochloride) has been used by O'Leary and Farber in the treatment of certain skin diseases ("Journal of the American Medical Association," July 19, p. 1,010). Treatment was successful in acute and chronic urticaria and angioneurotic oedema. The dose should be increased gradually until the minimal maintenance dose has been determined, though patients may require 300-400 mgm. for several weeks. The drug

did not appear to have a cumulative action as urticarial lesions reappeared when administration was stopped. If relief within the first few days of treatment is not obtained, the drug will probably be of no value and administration, the authors recommend, should be discontinued. While the drug decreases the severity of paroxysms of pruritus for some patients who have atopic dermatitis, it is not "a potent antipruritic drug." Side reactions occurred among 31 per cent. of the patients treated, but were only severe enough to warrant discontinuance of the drug in ten cases.

Penicillin Aerosol. — The use of penicillin aerosol, produced by a steam generator, for the treatment of bronchopulmonary diseases, are described by Prigal, MacGavack and others ("Journal of the American Medical Association," July 12, p. 932). The aerosol generator (aerosoliser) contained an electrically heated chamber which produced steam. The steam escaped from the container through a fine aperture and passed over a tube dipping into the medicament on the "scent-spray" principle, so producing an aerosol. Penicillin was unaltered by the brief contact with steam. A breathing box method of inhalation was found to be the most efficient of the methods tried, giving quickly antibiotic activity in the serum, and being economical in the use of penicillin solution. For treatment in an inhalation tent (made of plastic material, and particularly useful for the treatment of infants and children), propylene glycol was incorporated in the penicillin solution as an aerosol stabiliser. Control experiments indicated that propylene glycol possessed antibiotic activity.



JOHN BELL'S TONIC - PHOSPHATES

THE PROVED TONIC WITH THE PLEASANT TASTE

You can confidently recommend John Bell's Tonic Phosphates for restoring jaded appetite, and for dispelling depression and lassitude.

Attractive Display Material on request.

Sizes	New Retail Prices (including Pur. Tax)
4 ozs.	3/-
8 ozs.	5/3
16 ozs.	8/8

JOHN BELL, HILLS & LUCAS, LTD.

Oxford Works, Worsley Bridge Rd., London, S.E.26



WILCOX, JOZEAU

WHITE LION ST.

NATIVELE PRODUCTS.
COREINE GRANULES and FLAKES.
PEPTALMINE DRAGEES and GRANS.
GENATROPINE GRANS and SOL.
GENESERINE GRANS and SOL.
GENOSCOLOMAMINE GRANS
LACTEOL TABLETS.
RHINO LACTEOL.
BOLDINE HOUEDE.
EUPNINE VERNADE.

NOW TO HAND FROM FRANCE.

TELEPHONES TERMINUS 3088

LONDON

ESTABLISHED 1793

ATKINSON & BARKER'S INFANTS' PRESERVATIVE

The Best and Safest Infants' Medicine of
150 years' standing

Does not contain any Scheduled Poison

ROBERT BARKER & SON, LTD.

13 WESLEY ST., C. on M., MANCHESTER

BURROUGH'S

60 gallons or less
in 6 months requires
no Control Licence.

S.V.R.

James Burrough Ltd., 1 Cale Distillery, London, S.E.11

TRAGACANTH

SPECIALISTS IN B.P. POWDER

SAMPLES AND PRICES ON REQUEST

FREUDENTHEIL, SMITH & CO., 16 Philpot Lane,
London, E.C.3.

MANsion House 1924 & 6600.

Estd. 1826

BETTER Advertising & MARKETING

40 years' success with proprietary lines of national and international fame enable us to offer our clients many solid advantages. Our advertising sells goods at the lowest on-cost.

STUART HIRST, LTD.
Survey House, 15 Bond Street, Leeds, 1



Metaldehyde

BRITISH MADE

SAFE SOLID FUEL
SLUG & SNAIL KILLER

IN PACKETS, 1/3, 2/4, 5/6

Obtainable from
Chemists, Ironmongers & Seedsmen
Sole Concessionaires for the U.K.
and Eire

H. R. NAPP LIMITED
3 & 4 Clement's, Inn, London, W.C.2



CLARK'S medical LIVER & KIDNEY SALT

An old favourite and ready seller now available again, to retail at 1/1½d. A Newball & Mason line. Attractive pack, attractive terms. Write for details.

NEWBALL & MASON LTD., NOTTINGHAM. Est. 1850

INFORMATION WANTED

The Editor would appreciate information about suppliers of the following items:

Eboson
Raydon ointment
Vitallin ointment

CHEMIST AND DRUGGIST

ESTABLISHED 1839

for RETAILER—WHOLESALE—MANUFACTURER

Circulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied Trades and Industries in Great Britain, Eire, British Empire, and foreign countries

Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire.

VOL. CXLVIII SEPTEMBER 6, 1947 NO. 3524

Northern Ireland Health Bill

THE importance of pharmaceutical services and the status of pharmacists appear to have been given a large measure of recognition in the new comprehensive public health service plan laid down in the Health Services Bill of which the text was published recently by the Northern Ireland Government. The Bill will now be debated in the Ulster Parliament. Bearing in mind the Conservative nature of the administration in Northern Ireland, the Minister of Health (Mr. William Grant) has aimed to provide as good a health service as in Great Britain without adopting all the methods of the National Health Service Act, Great Britain. The medical profession, in particular, has been subjected to less compulsion than has been proposed under the British Act.

In the Northern Ireland measure two new bodies are envisaged: a General Health Services Board and a Hospitals Authority. The Ministry, in an explanatory memorandum, writes of the former "In the medical services the first bulwark against disease and disorder is to be the family doctor. Beside him will be the dentist; and aiding them both will be the chemist." It is provided that the members of the Board, which will be the main agency of the service, shall include persons appointed after consultation with such organisations as may be recognised by the Minister as representative of, among others, the pharmaceutical profession in Northern Ireland. The members of the Board will be appointed in the first place for two years and subse-

quently for periods of five years. It is further laid down that the Board shall recognise committees representative of persons providing pharmaceutical services in the areas of local health authorities and known as Local Pharmaceutical Committees.

Pharmaceutical Clauses

The clause dealing with pharmaceutical services reads: "It shall be the duty of the Board, in accordance with regulations, to make arrangements for the supply of proper and sufficient drugs and medicines and prescribed appliances to all persons who are receiving general medical services, and of prescribed drugs and medicines to all persons who are receiving general dental services." Regulations to be made under the Act will provide for the preparation, publication and maintenance of lists of persons who undertake to provide pharmaceutical services and for their remuneration. It is open to pharmaceutical chemists, as under the National Health Insurance Medical Benefit Scheme, to elect to take part in or remain outside the new scheme. The Board will take over the former scheme and is required to establish a Drug Pricing Committee for determining, in accordance with scales fixed by the Ministry, the amounts of payments to be made to chemists for their services. No arrangement may be made by the Board with a medical practitioner or dental practitioner under which he is required or agrees to provide pharmaceutical services to any person. The Bill clearly states: "Except as may be provided by regulations, no arrangements for the dispensing of medicines shall be made with persons other than chemists."

A Tribunal will be set up (on the lines of the Statutory Committee) to inquire into cases involving questions of professional efficiency. In cases concerning chemists, a representative of the profession will serve on the Tribunal and there is the right of appeal to the High Court (in Great Britain the appeal is only to the Minister). The Tribunal has power to remove names from the list of suppliers, but the Statutory Committee retains the right to inquire into professional conduct.

Health Centres

At health centres to be established by the Board, it is laid down that facilities shall be available for pharmaceutical services by chemists and that the Board may provide staff. Some doubts exist as to the extent to which dispensaries at health centres may deprive pharmaceutical chemists of turnover in dispensing. Power is given to the Board to provide courses of instruction for "students of pharmaceutical chemistry." No specific mention is made of hospital dispensers under the Hospital Authority, but the position of existing officers is protected, and provision is made for superannuation. Clause 72 states that the Authority, the Board, a hospital management committee, a health authority, an education authority, or the Tuberculosis Authority may purchase, store, and supply to any other of these bodies, on such terms as may be agreed between them, any goods or materials required for their purposes under the Bill. This may require elucidation.

Chemists who are also opticians are affected by the provision: "Ultimately it will become part of the Hospital Authority's normal functions to provide for the examination of the eyes, the testing of sight, and the supply of spectacles either at hospitals or at clinics. Until these arrangements are made it will be necessary for the Authority to organise a supplementary scheme under which ophthalmic and dispensing opticians will, from their ordinary place of business, be asked to provide the necessary and appropriate services. The administration of these services will be in the care of a standing committee of the Authority on which ophthalmic and dispensing opticians will be represented. Sight testing and the supply of spectacles will be free to all."

The date appointed for the commencement of the scheme is July 5, 1948. The proposals have been well received by chemists and are held to meet most of the representations made earlier in the year.

Status of Technical Education

THERE are in Britain about thirty colleges of technology which include in their curriculum courses equivalent in standard to university degree courses. The importance

of these colleges to the nation has in the past not been fully recognised—they have been the poor relations of the universities considered as offering an inferior standard of training at a lower cost to the student. The subordinate rôle was, in most instances accepted, and the colleges were modestly content with the knowledge that each year they prepared large numbers of successful students for the examinations of London University and for several professional and scientific societies. There have, of course, been colleges which have achieved recognition—notably the Manchester College which controls all the courses in the Faculty of Technology of the University of Manchester, or Cardiff Technical College which provides courses in pharmacy for internal students of the University of Wales.

Proposals for Raising Standards

Today, a new and vital awareness of the value of the "tech" is abroad, and recently a special subcommittee of the Parliamentary and Scientific Committee has been studying the position of technical education in Britain. The proposals which have been made for raising the standing of the colleges and for extending their work include the award of university degrees or their equivalent for studies in selected branches of technology, examples of which are pharmacy, chemical engineering, plastics and food technology. It is also recommended that regional academic boards should be formed in each of the ten areas into which the country has been divided for technical education, and that consideration should be given to how far a local university might extend recognition to cover departments of colleges providing courses of university standard. In addition to the regional machinery it is proposed to set up immediately a National Council on Technology which would plan, in conjunction with the University Grants Committee, the national development and co-ordination of higher studies, providing for more State scholarships for technical courses. To attract lecturers with high qualifications it is recommended that better remuneration should be offered and that heads of large departments whose duties are comparable

with that of a university professor, should be paid a salary of that order. The Committee, while applauding the increase of State scholarships from 360 to 750, says that to limit the number of State technical scholarships to not more than 100 "is inadequate in a predominantly industrial country."

Standardised Cosmetics?

By one of those coincidences which are usually described as "rare" but which in practice derive, however apparently unrelated, from the same underlying cause, two proposals have lately made their appearance that would both have the effect of limiting the variety of cosmetics available to users.

The first is a hint by the political correspondent of the "Daily Herald," whose guess in these matters may be no better than anyone else's, that the Export Plan which it is understood Sir Stafford Cripps, as President of the Board of Trade, will be announcing during the first half of the current month, will include "the banning of certain cosmetics, such as nail varnish; standardisation of many toilet preparations." The second is a suggestion, reported by a Scottish correspondent of this paper to have been made by a Glasgow pharmacist, that a conference should be called to devise ways by which shades of powder, rouge, lipstick and nail varnish may be brought down to a language, limited and comprehensible, so that, when one shade in one manufacture is unavailable, another manufacturer's similar shade can be found more quickly."

The multiplicity of cosmetic preparations available on the market today has thus led one person to say "There are too many. The country cannot afford to multiply production costs so prodigally in its present emergency." The second says, in effect, "There are too many. Unless we reduce them to some sort of order, we shall be driven out of our wits." From the retailer's point of view there is much excuse for a degree of exasperation. We ourselves were well aware of the difficulties a decade ago, when we sought to make things easier for the toilet-counter assistant

by bringing out a "Cosmetic Harmony Chart," in which harmonising colours in face powder, rouge, lipstick and nail varnish were shown for a number of well-recognised hair and skin colourings, and the nearest equivalent given in the range of products of each of the leading manufacturers. The trouble there—or one of them—was that the colours of makers' products differed as much as their titles. Another was that there were too many manufacturers to permit the task to be carried to finality. The language of colour has been chaotic for as long as it has been complicated by subtleties, and only in recent years has there been any attempt, as in the standard nomenclature adopted by the Society of Dyers and Colourists in its "Colour Index," to organise it. What our Scottish friend would be best advised to press for would be, perhaps, that each manufacturer should make use of that standard nomenclature in designating his product. Even so, we are doubtful if the idea would find great favour among those who have established proprietary interests in beauty preparations, for in doing so they have—perhaps without exception—regarded the description of colour as part of the subtle mechanism of salesmanship, as it is easy to appreciate by imagining the reception a face powder shade, for example, would have if changed from "Peach Blossom" to "Acid Alizarine Orange GR," or something of that order. In current slang, to adopt such a course might well be—certainly if adopted by a few enlightened manufacturers before the general run of their fellows—"dead loss."

Naturally, if the policy which it is hinted the Board of Trade is likely to adopt is carried through with sufficient thoroughness, the difficulty disappears. A simple series like white, pink, tan and red may then suffice. That course may, and almost certainly will, result in reduced consumption and therefore in reduced production, for what woman, having found that what suits her best is Madame Duval's powdered gossamer in a tint of Mediterranean Dawn is going to be content with National Tan or Crisis Pink? She will rather do without and wait for better times. Standardised cosmetics? There can be no future in that.

STREPTOMYCIN TRIALS EXTENDED

THE Ministry of Health has issued a statement upon the preliminary results of streptomycin trials organised by the Medical Research Council. The trials have proved sufficiently encouraging, says the statement, to justify the view that patients suffering from tuberculous meningitis or miliary tuberculosis should be given the opportunity, as available supplies of the drug permit, of receiving treatment with the drug.

While streptomycin is the best drug at present available for the treatment of these conditions, in only a proportion of the cases does it prolong life and relieve symptoms. The time is too early to say yet whether the compound ever produces a permanent cure.

Production of streptomycin in this country remains limited, but additional supplies obtained from the United States have enabled arrangements to be made for a certain number of medical schools to receive a monthly allocation for use in teaching or associated hospitals. Supplies are available in the United Kingdom at present for 150 beds. The cost of the streptomycin is still high, and for the time being the supplies are being distributed by the Government to the medical schools free of charge.

In view of the limited experience of treatment with streptomycin in other conditions, the medical schools have been asked for the present to restrict treatment with the drug to cases of tuberculous meningitis and miliary tuberculosis. Streptomycin is not recommended for use in chronic pulmonary tuberculosis. The hospitals in England and Wales and Northern Ireland at which cases of tuberculous meningitis and miliary tuberculosis will be treated with streptomycin are:—

ENGLAND

Liverpool, Alder Hey Children's Hospital, Liverpool; and Royal Southern Hospital, Fazakerley.

Sheffield, Children's Hospital, Western Bank, Sheffield, 10.

Newcastle, Royal Victoria Infirmary, Newcastle.

Bristol, Bristol General Hospital, Bristol 1.

Manchester, Royal Infirmary, Manchester.

Birmingham, Children's Hospital, Ladywood Road, Birmingham, 16.

Leeds, General Infirmary, Leeds; St. James's Hospital, Leeds.

London, Middlesex Hospital, W.1; St. Bartholomew's Hospital, E.C.1; Londo Hospital, E.1; St. Mary's Hospital, W.2 St. Thomas's Hospital, S.E.1; and Guy Hospital, S.E.1.

WALES

Cardiff, Cardiff Isolation Hospital.

NORTHERN IRELAND

Belfast, Whiteabbey Sanatorium, Whiteabbey; and Purdysburn Fever Hospital, Purdysburn, Belfast.

Similar arrangements are being made in Scotland, and details will be announced shortly.

Medical practitioners who have a case of suspected tuberculous meningitis or miliary tuberculosis are being advised to get in touch direct with the nearest convenient hospital on this list, or (in the case of hospitals in the London area), with the Emergency Bed Service (telephone: Monarch 8515). The scheme does not in any way affect arrangements already made by the Medical Research Council for the treatment in certain hospitals of cases of meningitis due to *Haemophilus influenza*.

A PHARMACIST'S ANTHOLOGY

ACCORDING to the law of February 4, 1896 . . . pharmacists were obliged to take turns in handling night and holiday trade.

Among some very modern white enamel and red rubber accessories on display in the window in front of me, what caught my eye was a pair of crude mittens made of yellow cat's fur, with the fur outside. Afterwards, when I got to know M. Noel well enough, I asked him about those incongruous articles.

"They are in no way exotic," he said.

The very poor in Paris, naturally, do not keep cats. On the contrary, they frequently stalk them, feed them up in seclusion and eat them. The moderately poor (say, in the £50 to £60 a year brackets), if they have no children, sometimes permit themselves the extravagance of a pet; but when Minou dies, they do not have her stuffed. Instead, they skin her with a kitchen knife, salt down her hide and sell it for a small sum to a dealer in mittens. He, in turn, sells the finished product to drug stores. In winter those Parisians whose houses or rooms have no heating manage to keep warm by rubbing themselves with cat's fur.—*From "A Narrow Street," by Elliot Paul.*

CHEMICAL CONGRESS LECTURES

Abstracts of papers presented before sections of the eleventh Congress of Pure and Applied Chemistry held in London recently

Fatty Acids of Fenugreek.—El Shahat. —Seven samples of Egyptian fenugreek oil of *Trigonella Fœnum-græcum*) were analysed after purification. The results were tabulated.

Face-powder Particle Size.—A. W. Hibbott. —The paper dealt with the properties of face powder in terms of the raw materials and their particle sizings. A simple scheme of analysis was described.

Methionine to Cystine.—du Vigneaud. —The use of isotopic compounds in elucidating the mechanism of conversion of methionine to cystine in the animal body was discussed. The present concept of the metabolic pathway of the sulphur of methionine to cystine, involving cystathionine as an intermediate, was summarised.

Ionisation of Sulphonamides. — A. T. Muller. —The activities of the sulphonamides both actual and relative to each other and the antagonising power of *p*-aminobenzoic acid vary greatly with the pH . For example, while sulphabenzamide is only one-twentieth as active as sulphathiazole at $pH 7$, it is ten times as active as sulphathiazole at $pH 3$. The results were discussed in the light of the ionic theory.

Determination of Morphine. — H. Aggesgaard-Rasmussen and others. —Morphine when treated with nitrite in acid solution forms 2-nitrosomorphine, a substance which it should be possible to determine polarographically. Since the action of nitrous acid on morphine, however, might lead to the formation of other substances it was necessary to undertake a more thorough investigation of 2-nitrosomorphine. A method was described.

Pancreas as Protein Source. — Johs. Flavin. —As a source of protein for experimental animals in nutritional investigations casein has, for certain purposes, the disadvantage that it seems to be difficult to extract the last traces of vitamins from it. The author has tried pancreas. When this has been dried, extracted with fat solvent, dried again, and ground, a yellowish-white powder is obtained. The preparation has been used through several years with uniformly good results.

Transmethylation In Vivo. — V. du Vigneaud. —Experiment led the author and his co-workers to the concept that the

body is incapable of generating methyl groups for the methylation of certain nitrogen- and sulphur-containing compounds, but is dependent on the presence in the diet of methyl groups in a utilisable form such as in methionine and choline, and that a process of transmethylation is involved in certain steps in the intermediary metabolism of the body.

Serum Proteins in Disease. — M. L. Crossley. —In a polarographic study of blood sera from cancer patients it was shown that the wave heights of the current voltage curves of the filtrates from the sulphosalicylic acid precipitation of proteins were higher than those obtained from normal sera. Similar results were obtained with sera from patients suffering from bacterial infections. Using a similar polarographic technique, a study has been made of blood sera of dogs with experimental Type I pneumonia.

Purified Antibodies.—F. Haurowitz. —Azoprotein antibodies can be purified by the action of dilute acids on the specific precipitates. A considerable part of the antibody is dissolved, while the antigen and a part of the antibody remain undissolved. The purified antibody preparations contain less than 10 per cent. of inactive proteins. Antibodies to the natural albumins and globulins cannot be prepared by this method. The purification of antibodies to serum globulins is rendered possible if the antigen (serum globulin) is replaced by its azo- or alternatively by its iodo-derivative.

Cosmétologie Française.—H. M. Gattefossé. —La cosmétologie française a beaucoup évolué depuis 1935; les techniciens qui se sont chargés d'introduire quelques notions de physicochimie dans cet art empirique ont été fort secondés par des savants dont les études spécialisées ont des rapports souvent très étroits avec la cosmétologie. Toutes les données de biologie nouvelle, tous les travaux d'analyse par diffraction aux rayons X, ceux relatifs aux couches monomoléculaires, etc., ont été utilisés avec profit. Poursuivant des études sur l'absorption cutanée, nous avons pu récemment montrer qu'il fallait faire appel tant aux propriétés physiques, physico-chimiques que chimiques de la paroi semi-perméable que constitue la peau.

BUSINESS QUERIES AND ANSWERS

Subscribers are invited to address inquiries to the Editor on problems of management accounts, stock-keeping, taxation. To ensure that no information of a confidential nature is disclosed to a competitor, replies will be given under initials or a pseudonym. If it is necessary to forward documents, copies only and not originals should be sent.

Plant Records

"Will you please suggest a suitable style of ruling for a plant record, and a record of shop fittings. If provision can be made in

such records for the cost of repairs and upkeep, etc., so much the better."—P. I

Plant and machinery records materially simplify the determination of the amount

Plant Record

Particulars of plant
 Where erected
 Makers No.
 Date of Purchase 19... Cost of acquisition £ : : Installation expenses £ : :
 Attachments Cost £ : :
 Suitable for
 Anticipated service life year. Rate of depreciation % p.a.
 Ledger Folio

(Back of Card)

Value as at19.....				Date	Repairs	Cost
Depreciation written off...						
Reduced book value						
Additions						
Value as at19.....						
Depreciation written off...						
Reduced book value						
Additions						
Value as at19.....						
Depreciation written off...						
Reduced book value						
Additions						

Equipment Register

No. Description of equipment
 Date of purchase 19... Cost price £ : : Carriage charges £ : :
 Supplied by
 Department
 Additions: Date 19... Description Cost £ : :
 Attachments Accessories
 Repairs: Date 19... Cost £ : : Date 19... Cost £ : :
 Annual rate of depreciation % on diminishing value
 Private ledger : Location :

to be charged against the profits for depreciation, and enable the amount of unrecovered investment to be ascertained at any time. In many instances, these records take the form of cards, suitably ruled and kept in a drawer, the equipment being grouped under suitable headings and indexed alphabetically. Some manufacturing chemists enter particulars of their assets in an inventory book, while others keep a register, and columns are usually provided for setting down the invoiced cost of acquisition, the installation expenses, the cost of attachments and devices, and the cost of repairs and maintenance. The items to be capitalised can be collected by using a pattern of purchases journal, or bought day book, which has been ruled by the printers with sections for the classification of the capital outlay. When an inventory is kept it can then be divided into sections to correspond. Two typical rulings are indicated on p. 292. Similar rulings may be used for shop fittings.

When equipment is replaced, the records would be cross referenced.

Manufacturing Order

"Could you suggest a suitable form of manufacturing order for use in following up a schedule of outlay and costs?"—M.N.

Manufacturing orders should give the estimated cost (labour and materials), also the actual cost, with a full description of the work and the place of delivery. The orders used by manufacturing chemists may be made out in triplicate, one copy going to the progress department, one copy to the cost clerk, and the original retained.

Banking of Dividends and Annuities

"I have financial interests in several companies, and on going through my accounts for the past six months I find that two items are missing. Can I do anything to ensure that dividends and annuities are paid to bank at the proper time?"—A.P.

Apart from the risk of loss, a considerable amount of trouble can be avoided by authorising the companies to pay all dividends and shares of profits direct to a particular bank. Interest on Government bonds and dividends on other investments can be readily collected by bankers and credited to the accounts of their clients by arrangement, and persons entitled to receive annual sums for a definite period or during life may instruct their bankers to collect the money. While an annuity can be collected only if there is sufficient evi-

dence that the person entitled to receive the money is still living, the confirmation by the bank manager of his client's signature on the declaration form is always considered adequate testimony.

Raising a Mortgage

"As I am in need of working capital to develop my business I shall have to borrow some money and am prepared to mortgage certain property. Could you supply a little information concerning mortgages?"—D.G.W.

Mortgages of property are usually either legal or equitable, i.e. the borrower either executes a deed charging his property in the mortgagee's favour, or simply deposits the title deeds with the lender with or without verbal communication. The mortgagee is entitled to sell the property for the purpose of securing the sum owing in the event of default in payment of the principal or interest, and the mortgagor forfeits his right to redeem the security if the payments are not made within a reasonable time. When a chemist has obtained permission to overdraw his bank account an equitable mortgage may take the form of a written agreement setting forth the conditions of the loan and stating that the deposit of certain specified documents has been made as a guarantee.

Company's Taxes

"This limited company was formed last year to take over the business previously owned by one of the directors. Each director receives (1) a salary, (2) interest on money invested, (3) a share of the remaining profits (referred to as dividends). Will you kindly let me know:—(1) If tax at 9s. od. in the £ is payable on the interest—irrespective of P.A.T.E. coding; (2) what tax the company has to pay, and (3) assuming that these taxes are payable on dividend only, would it be better to increase each director's salary pro rata, so that there would be less dividend to tax."—Director.

(1) Interest on money invested in the company is not allowed to stand as a deduction when computing the company's taxable profit, and is treated as unearned income of the recipient, being taxable at the standard rate. (2) A company is liable to pay income tax and Excess Profits tax. (3) As the salaries paid to directors are not allowed to stand as deductions for tax purposes there is no point in raising the salaries. Income tax at 9s. od. in the £ should be deducted from dividends.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

28 Essex Street, W.C.2, Sept. 3

PRODUCTION OF PHARMACEUTICAL and FINE CHEMICALS continues on a high level, although some manufacturers are showing concern about their fuel supplies and all are affected by shortages of raw materials and containers. Prices, generally, are unchanged, but one manufacturer of EPHEDRINE ALKALOID and SALTS has advanced prices for these products by sixpence per oz. MERCURIAL SALTS are selling well at the lower rates announced recently. OXALIC ACID and SALTS are firmer, but TANNIC ACID is showing an easier tendency.

Crude Drugs

The market for BOTANICAL DRUGS is rather quiet with prices of most items unchanged. CASCARA SAGRADA is dearer on the spot and the forward market for new-crop material is much stronger. IPECACUANHA prices are rising both for Nicaraguan and Colombian root. There has been some inquiry for LOBELIA but spot supplies are exhausted. SENEGA continues firm in the absence of shipment offers. SENNA is steady on the spot, but it is understood that India is asking more for Tinnevely leaves and pods. In other markets a good demand has been noted for CAMPHOR at previously quoted values. MENTHOL is firmer, both Brazil and Chinese material. SHELLAC is dearer on the spot; F.O.T.N., pure, is now quoted at 265s. per cwt. BEESWAX supplies are low on the spot. BISMUTH METAL has been increased in price by one shilling per lb.

Essential and Expressed Oils

The market for ESSENTIAL OILS continues steady with a fair inquiry. BAY is selling at slightly lower values. New-crop LAVANDIN and LAVENDER when available are expected to be rather cheaper. Further additions have been made to the list of oils removed from the scheme of distribution of the Essential Oils Control; the new additions, eight in number, are as follows: CAJUPUT, CAMPHOR (white and brown), CARAWAY, CITRONELLA (Java), EUCALYPTUS (*dives*), PINE NEEDLE and TI-TREE.

The Minister of Food has announced that no changes have been made in the prices of UNREFINED OILS, etc., allocated to primary wholesalers and large trade users during the four weeks ended September 27.

U.S. Drug and Chemical Report New York, August 29

HIGHER prices for ALKALIS are now expected to become general, and this has already resulted in a broader inquiry for these chemicals and has added pressure to

the already tense supply situation. Chemical consumers are expecting a general stronger price trend during the fourth quarter of the year. Commenting on the recent action of the Inter-Agency Export Policy Control Board banning export permits for CAUSTIC SODA and SODA ASH, trade representatives said that hopes for the granting of any new licences during the third quarter were dim although they should be an issue during the final three-month period of the year; this, however, would probably be on a more restricted and closely supervised scale than hitherto.

The recent devaluing of the Chinese dollar is expected to bring about increased shipments of CAMPHOR, MENTHOL, CASSIA, etc. to the U.S., according to some trade circles. The first offerings of menthol from China for several weeks have been noted by some dealers here, although the prices, at \$7.40 to \$7.45 per lb. show no change from previous levels. The usual summer slackness has continued on the market for BOTANICAL DRUGS although prices in certain directions showed strength and rising tendencies—particularly in the case of SPICES. Whole HYDRASTIS advanced 25 cents per lb. to \$8.50 and CASCARA SAGRADA was marked up two cents to 40 cents per lb. Imports of CRUDE DRUGS into the U.S. rose 23 per cent. above the April figure to 1,302,079 lb. in May, although total receipts over the first five months of the year were 9 per cent. down compared with the corresponding period of 1946.

While representatives of the ESSENTIAL OILS trade declare that there has been a definite improvement in business, dealers in AROMATICS report no change in the recent dull position, nor do they expect any in the near future. With the approach of offerings of new-crop SPEARMINT OIL, a further reduction in this material was noted, the new price being around \$8.00 per lb. or 75 cents below former levels.

Pharmaceutical Chemicals

ASPIRIN.—Makers' prices per lb., for powder (containers in brackets), are as follows: 28 lb. and under 1 cwt., 4s. 4½d. (1-lb.), 4s. 3½d. (2-lb.), 4s. 3d. (4-lb.), 4s. 2d. (7-lb.), 4s. 1½d. (14-lb.), 4s. 0½d. (28-lb.). Net one month.

BENZALDEHYDE.—Prices of B.P.C. quality are from 4s. 9d. to 5s. 6d. per lb., as to quantity.

BENZOCAINE.—Current rates per lb. are 40s. 9d. for 28-lb. lots and 41s. 3d. for 14-lb. lots, other quantities in proportion.

BENZOIC ACID.—Makers' quotations are at from 2s. 7d. to 3s. per lb., according to grade and quantity. SODIUM BENZOATE is quoted at from 2s. 6d. to 2s. 10d. per lb.

BENZYL BENZOATE.—B.P. quality is quoted from 4s. 6d. to 5s. per lb., according to quantity; perfumers' quality, 5s. to 6d. per lb.

BISMUTH SALTS.—Makers' quotation for CARBONATE in 1-cwt. lots is at 14s. per lb. Schedule rates for smaller quantities are from 15s. 8½d. per lb. upwards. CITRATE is 11s., SALICYLATE 1s. 4d., and SUBNITRATE 7d. per lb. below the above prices; SUBNITRATE is 2s. more than the carbonate.

BORAX.—Makers' prices are: B.P. quality, granulated, £38 per ton; crystal, 40; powder, £39 10s. Commercial grades, 38 per ton less. Packed in 1-cwt. bags, delivered carriage paid in Great Britain, in lot lots and upwards. Terms quoted do not apply to Northern Ireland.

CITRATES.—Makers' prices are steady. POTASSIUM, in quantities of 28 lb.-1 cwt., is quoted per lb. as follows (containers in brackets): 3s. 8½d. (1-lb.); 3s. 7d. (4-lb.); 3s. 6d. (7-lb.); 3s. 5½d. (14-lb.); 3s. 4½d. (28-lb.). FERRI ET AMMON. CIT., B.P., 4d. per lb. above. SODIUM, B.P., 3d. per lb. below; POWDER, 1d. per lb. extra.

ERGOMETRINE.—Makers' prices per gm. are as follows: BASE, in quantities of 1 gm., 20; 5 gm., £19 5s.; 20 gm., £19. ACID CALEATE, 1 gm., £14 15s.; 5 gm., £14 5s.; 10 gm., £14.

ETHYLMORPHINE.—Current rates per oz., in the home market, are: ALKALOID, ½ oz., 7s. 6d.; 1 oz., 55s.; 2 oz., 53s. 6d.; 3 oz., 2s. 9d.; 4 oz., 52s. 6d.; HYDROCHLORIDE, ½ oz., 49s.; 1 oz., 46s. 6d.; 2 oz., 45s.; 3 oz., 4s. 3d.; 4 oz., 44s.

ICHTHAMMOL.—B.P. material is quoted in bulk at 4s. 3d. per lb.; 28-lb. tins are priced at 4s. 9d., 14-lb. at 5s. and 1-lb. at s. 10d. per lb.

LECITHIN.—Ex ovo, 85 per cent., is quoted at prices from 90s. per lb., upwards.

MANDELIC ACID.—Current prices are as follows: 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 10 lb., 18s. 6d.; 14 lb., 16s. 9d.; 28 lb., 15s.

MORPHINE.—Prices per oz. current in the home market are: ALKALOID, ½ oz., 55s. 3d.; 1 oz., 52s. 9d.; 2 oz., 51s. 3d.; 3 oz., 50s. 6d.; 4 oz., 50s. 3d. HYDROCHLORIDE, ½ oz., 46s. 9d.; 1 oz., 44s. 3d.; 2 oz., 42s. 9d.; 3 oz., 42s.; 4 oz., 41s. 9d.; BIMECONATE and TARTRATE, as ALKALOID; ACETATE, HYDROBROMIDE AND SULPHATE, as HYDROCHLORIDE.

PYROGALLOL.—Current rates are as follows: 1-cwt., 21s.; 56-lb., 21s. 6d.; 28-lb., 22s. 6d. per lb. Resublimed, 4s. per lb. above these rates. Prices are net.

RESORCIN.—In short supply. Current prices are at from 10s. to 12s. 6d. per lb., according to quantity.

STROPHANTHIN.—Makers' quotations for B.P. is at 14s. per gm. and for OUABAIN (STROPHANTHIN K), 8s. 6d. per gm.

THYRONINE-SODIUM.—Makers' prices per gm. are as follows: 1 gm., 50s.; 10 gm., 45s.; 100 gm., 40s.

Crude Drugs

ALOES.—*Cape*, is quoted at 180s. to 185s. per cwt., spot, packed in boxes; shipment is at 155s., c.i.f. Curaçao, in boxes, is quoted at 235s., spot; forward, 215s. to 220s., c.i.f. Socotrine is quoted at 156s. to 190s. per cwt., according to quality.

ANISE (STAR).—Spot supplies are offered at 130s. per cwt.; forward, 95s., c.i.f.

BALSAMS.—*Canada*, on the spot, is quoted at 16s. 6d. per lb. *Pará Copaiba*, spot, is quoted at 8s. per lb. for soluble and 7s. 3d. per lb. for insoluble. *Peru*, San Salvador, is easier at 7s. per lb., duty paid. *Tolu*, on the spot, 18s. per lb.

BELLADONNA.—Root with a test of 0.515 per cent. alkaloids is quoted at 6s. per lb. spot; English herb (cut) is available at 6s.

BENZOIN.—Sumatra is available on the spot at from £17 10s. to £21 per cwt., according to quality.

BISMUTH.—The price of high-grade metal has been advanced by one shilling per lb. From September 1 the price is 11s. per lb., net, in quantities of 5 cwt.

BUCHU.—Spot quotations for short rounds are at 4s. 3d. per lb.; shipment, 4s., c.i.f.

CALUMBA.—Natural unwashed root is quoted at 65s. per cwt.

CAMPHOR.—Chinese tablets (¼-oz.), quoted at 11s. 3d. to 11s. 6d. per lb., spot; refined powder (B.P.), 11s.; Formosa (B.B.), 10s. 3d.; 2½-lb. slabs, afloat, quoted at 10s. 6d. per lb., landed, duty paid. Chinese crude, 93-95 per cent., 7s. per lb.

CANTHARIDES.—Spot, Chinese is quoted at 15s. to 16s. per lb., duty paid, according to quantity; for shipment, 8s. 3d., c.i.f.

CASCARA SAGRADA.—A firm market. Spot quotations for 1946 peel are at 260s. per cwt., duty paid. American new-crop is worth 240s. to 250s. per cwt., duty paid.

CASCARILLA.—Quills are quoted at 1s. 10d. and siftings at 1s. 6d. per lb., spot.

COLOCYNTH.—Quiet. Spot, fine-white is offered at 2s. and medium-white quoted at about 1s. 10½d. per lb.

DIGITALIS.—Portuguese is at 130s. per cwt., spot; English-grown is quoted in the region of 2s. 6d. per lb.

ERGOT.—Quoted on the spot at 4s. 9d. to 5s. per lb.; forward, 4s. 6d., c.i.f.

EUPHORBUM.—Firm with spot quotations from 85s. to 90s. per cwt.

GINGER.—Jamaica No. 1 is quoted at 110s. per cwt., spot; No. 2 is quoted at 95s.; No. 3, 90s. Sierra Leone, on the spot, is at 67s. 6d.

GUAIACUM RESIN.—Quotations for lump are from 2s. 9d. to 3s. per lb., spot.

GUM ACACIA.—Kordofan cleaned sorts continues easier at 68s. 6d. to 70s. per cwt., ex store; shipment 67s., c.i.f. Bleached No. 1 is quoted at 140s., ex store, and Talha at 41s. 6d. per cwt., spot; forward, 37s., c.i.f.

HENBANE.—Quotations are at 4s. 6d. per lb., spot, for fair quality material.

HENNA.—Egyptian leaves are offered at 135s. per cwt., ex warehouse.

HYDRASTIS.—Firm. Spot quotations are at around 60s. per lb.

IPECACUANHA.—Firm. Nicaraguan root on the spot is quoted at 28s. to 28s. 6d. per lb.; shipment, September-October, 25s. 6d., c.i.f. Colombian, spot, 27s. 6d.; shipment, 24s. 6d., c.i.f.

JALAP.—Vera Cruz, spot offered at prices from 4s. to 4s. 6d. per lb., according to test.

JUNIPER.—Italian berries, quoted at from 56s. to 65s. per cwt., duty paid, according to quality.

MENTHOL.—Brazil is dearer at 47s. 6d. to 50s. per lb., duty paid; forward offers from 42s. to 44s., c.i.f. Chinese, in original cases, is quoted at 52s. 6d. per lb., duty paid; forward quotations are around 60s. per lb., c.i.f.

ORRIS.—Florentine, on the spot, is quoted at prices from 150s. to 200s. per cwt., according to holder; Veronese, 135s. per cwt.

QUASSIA.—Chips, shipment, quoted at 34s. per cwt., c.i.f.; September-October is quoted at 32s., c.i.f.; spot supplies would be worth 40s. to 45s.

RHUBARB.—Spot quotations for Chinese rough round are from 6s. to 7s. 6d., according to fracture; forward, from 4s. 6d. to 5s. 6d., c.i.f. Poorer qualities are offered at 4s. 3d. to 4s. 6d. per lb., spot. French rhapsontica is at 2s. per lb., spot.

SEEDS.—The market is quiet with very little business passing. **ANISE.**—Cyprus, 2s. 3d. per lb., and Turkish 2s. 1d. per lb., duty paid, spot London or Liverpool. **CARAWAY.**—Dutch quoted at 1s. 1d. per lb., duty paid, ex wharf London. **CELERY.**—Indian, 1s. 4d. per lb., spot, Liverpool. **CORIANDER.**—Spot, Morocco, 42s. 6d. per cwt., duty paid, ex wharf London; Argentine quoted at 42s. per cwt., duty paid in London; English, nominal, 75s. per cwt. **CUMIN.**—Spot, Indian, 230s. per cwt., ex wharf Liverpool or Hull; Cyprus 232s. 6d. per cwt., ex wharf London. **DILL.**—Indian, 42s. per cwt., spot London or Liverpool. **FENNEL.**—Indian, 90s. per cwt., spot London, and 87s. 6d. per cwt., ex store Liverpool. **FENUGREEK.**—Indian, 45s. per cwt., spot Liverpool, and 46s. 6d. per cwt., ex wharf London.

SENEGA.—Spot quotations for old-crop material are from 12s. 6d. to 13s. 6d. per lb. New-crop, 11s. 9d. to 12s. 3d., nominal, c.i.f.

TRAGACANTH.—Selected ribbon is quoted at £150 per cwt.; other grades of white ribbon are available at from £75 to £120 per cwt. Prices of lower grades are as follows: Pale leaf, £50 to £70; amber leaf, £35 to £45; red leaf, £17 to £25; hoggy, £12 to £15.

Essential and Expressed Oils

ALMOND.—B.P. (sweet), in short supply, continues firm at 8s. to 12s. per lb., according to seller. Bitter oil; to come forward, quoted at 25s. to 27s. 6d. per lb.

ANISEED OIL.—Spot quotations are from 5s. to 8s., per lb., according to packing, September-October shipment, 3s. 8d. in drums and 3s. 10d. to 4s. in tins and cases landed.

BAY.—West Indian is steady at 7s. 6d. to 9s. per lb., spot.

CINNAMON.—Imported oil (factitious) complying with B.P. requirements is offered at 80s. to 90s. per lb., spot. English-distilled oil from Ceylon bark is quoted at 24s. per oz. Leaf oil, spot, quoted at 11s. 6d. to 13s. 6d. per lb.

CITRONELLA.—Ceylon on the spot is quoted from 6s. to 8s. per lb., according to quantity.

CLOVE.—English-distilled bud oil is steady at 11s. 6d. to 12s. per lb., according to quantity.

CORIANDER.—English-distilled, 250s. per lb., nominal quotation.

FENNEL.—Sweet oil is quoted at 17s. 6d. to 20s. per lb., on the spot.

GERANIUM.—Bourbon is steady at from 70s. to 77s. 6d. per lb., according to quantity and grade.

JUNIPER BERRY.—Importers' quotations are from 30s. to 35s. per lb. English-distilled ranges from 50s. to 125s. per lb., according to quality and seller.

LAVANDIN.—Spot quotations are from 11s. 6d. to 15s. 6d. per lb.

LAVENDER.—French (38 to 40 per cent. esters) is quoted from 40s. to 45s. per lb. Spanish (spike), 11s. 6d. to 12s. 6d. per lb., spot.

LEMONGRASS.—Spot quotations are from 7s. 6d. to 9s. per lb., according to quantity.

LIME.—Quotations for West-Indian distilled are from 30s. to 34s. per lb.

LINSEED.—Controlled price of crude is £200 per ton, naked ex works.

NEROLI.—Forward offers are from 65s. to 90s. per oz., according to quality.

NUTMEG.—Steady. English-distilled oil is at 45s. to 55s. per lb., spot; West-Indian distilled, to come forward, 42s. 6d. to 45s. per lb., landed.

RAPESEED.—Controlled price of crude oil is £190 per ton, naked ex works.

ROSEMARY.—Spanish is quoted at 7s. 6d. to 10s. 6d. per lb., according to seller and quantity.

SANDALWOOD.—English-distilled is quoted at 85s. to 90s. per lb., according to quantity.

SASSAFRAS.—Brazil is firmer at 5s. 6d. to 7s. per lb., spot, according to quantity.

THYME.—Red oil (40-42 per cent. phenols) is at 13s. 6d. to 16s. per lb.; white oil is quoted at 17s. to 18s. 6d. per lb., spot.

OVERSEAS TRADE NEWS

Spanish Plastics Industry. — The Spanish plastics industry has been declared of national importance by a recent official decree.

Egyptian-Canadian Trade Talks. — It is understood that imports by Egypt of chemical and medical products from Canada are expected to result from the forthcoming trade talks between the two countries.

Jamaica Suspends Import Licences. — The Government of Jamaica announced recently that they were suspending the issue of import licences for all commodities from all sources because of the dollar crisis.

Radioactive Isotopes Exports from U.S. — Licences will in future be required for exports from the United States of chemicals containing artificial radioactive isotopes, uranium acetate, uranium salts and compounds.

India Trade Mission for Russia. — The Government of India propose sending a trade mission to Russia to explore the possibility of developing trade between the two countries in fertilisers, chemicals, dyes and general merchandise.

Penicillin in British Zone. — Heavy deliveries in August to the British Zone of Germany have doubled supplies. In the near future the drug will be available on a larger scale than has ever before been possible.

Finnish - Dutch Trade Agreement. — Included in the list of commodities which Holland is to supply to Finland as a result of a trade agreement between the two countries are chemical and pharmaceutical products, sodium sulphate and superphosphates.

Streptomycin Plant for Italy. — Production is to begin in the spring of 1948 on a streptomycin plant for Rome. Dr. Franco Palma, of Palma Laboratories, in announcing the forthcoming plant, said that output would be 250,000 gm. per month. Importation of streptomycin into Italy up to the end of July totalled 1,300 gm.

New French Chemical Prices. — The price of tartaric acid was fixed on August 18 by the French price administration at 77,670 francs per ton for shipments exceeding 10 tons. The price of cream of tartar was fixed at 59,195 francs per ton, of neutral sodium tartrate at 53,630 francs and of neutral potassium tartrate at 62,505 francs per ton.

U.S. Streptomycin Exports. — An increase in production of over 100 per cent. from June to July of streptomycin has led the U.S. Commerce Department to double the quota for August exports of the drug. The July output total of over 1,000,000 gm. almost equals the figure for all of 1946. This has made it possible to set up a quota of 300,000 gm. for August exports, compared with 125,000 gm. in July.

Australia's Alkali Requirements. — Mr. Joseph Chifley, the Australian Prime Minister, announced in Canberra recently that his Government had been informed by the Board of Trade that Britain would be unable to send Australia alkalis, including caustic soda, this year. Australia requires 80,000 tons of soda ash in 1947, compared with a local production of 35,000 tons per annum.

U.S. Mercury Output. — The United States production of mercury totalled 6,100 flasks during the first quarter of 1947. General imports for the first quarter totalled 4,190 flasks, while exports amounted to 241 flasks. As a result of the substantial volume of mercury imports, stocks of the metal increased to 20,884 flasks. Consumers and dealers held 17,100 flasks at the end of the quarter while producers' stocks totalled 3,183 flasks.

Cinchona Bark from Guatemala. — Production of cinchona bark in Guatemala increased to 495 metric tons in 1946, and the value of the bark exported was three times the previous year's total. About 97 per cent. of the total exports went to the United States. The United States Reconstruction Finance Corporation was largely responsible for the expansion owing to an extraction scheme conducted by this company in the western part of Guatemala.

Japanese Goods for Export. — The U.S. Department of Commerce has issued schedules of goods offered for export from Japan. Included in the list of products which will be available shortly are the following: Camphor oil, eucalyptus oil, safrol, agar, menthol, camphor (refined), vegetable wax, lump sulphur, loafahs, hypodermic syringes and needles, tooth-brushes, citric acid, cameras and photographic paper, and x-ray film. The full list (Schedule A) may be obtained on request from the Board of Trade Export Promotion Department, 35 Old Queen Street, London, S.W.1.

TRADE MARKS

(From "The Trade Marks Journal," August 13)

"SANDOZ"; for chemical substances for use in the manufacture of textile fabrics and of dyes (1), for dyes; and preservatives and preparations for preventing corrosion and rust on metals (2). By Sandoz, A. G., 60 Fabrikstrasse, Basle, Switzerland. B637,927, B637,926 (Associated).

"THIOVANIC"; for chemical products containing sulphur compounds for use in industry (1). By Evans Chemicals, Ltd., 3 Warwick Road, Elstree Way, Boreham Wood, Herts. B64,941.

"MARLIK"; for chemical preparations for application to seeds, grain and the like, for the purpose of preventing destruction by birds (1). By Bayer Products, Ltd., Africa House, Kingsway, London, W.C.2. 647,486.

Device of hand grasping leafy twig; for perfumes, toilet preparations (not medicated), cosmetics, dentifrices, depilatories, toilet articles (not included in other classes), sachets for use in waving the hair, soaps, and essential oils (3). By Paul Benonin Boyer, 7 Rue Guersant, Paris, France. 647,150.

"ETOILE FILANTE" in distinctive lettering; for toilet preparations (not medicated), cosmetics, perfumes, and brilliantine (3). By Henri Bendel, Inc., 10 West 57th Street, New York, U.S.A. 648,307.

"EMBEDRINE"; for all goods included in this Class (5). By May & Baker, Ltd., Dagenham, Essex. 645,579 (Associated).

"PRURICOL"; for pharmaceutical preparations for human use (5). By Gedeon Richter (Great Britain), Ltd., Richter House, 14-18 Weedington Road, London, N.W.5. 646,744.

"STYCOL"; for pharmaceutical preparations and substances for human use (5). By Savory & Moore, Ltd., 61 Welbeck Street, London, W.1. 647,634.

"JUNESAL"; for pharmaceutical preparations for internal human use (5). By John Charles, Ltd., Duke Street House, 415 Oxford Street, London, W.1. 647,708.

"THERA-VITA"; for pharmaceutical preparations and substances (5). By William R. Warner & Co., Ltd., Power Road, Chiswick, London, W.4. 648,364.

"ORSOTULLE"; for tulle impregnated with an emulsion containing sulphanilamide being goods for export (5). By Perivale Laboratories, Ltd., 14 King William Street, London, E.C.4. 648,984.

"INTERTHERM"; for medical diathermic apparatus and appliances (10). By Stanley Cox, Ltd., 11 Gerrard Street, London, W.1. 647,134.

APPLICATIONS AMENDED AFTER ADVERTISEMENT

Specification No. 643,145 by Pharmatone G.m.b.H. should be altered so as to read "Chemical preparations and substances for use in medicine and pharmacy all for sale in England, Wales, Northern Ireland and the Isle of Man."

Specification No. 643,410 by Pharmatone G.m.b.H. should be altered so as to read "Chemical preparations and substances prepared for use in medicine and pharmacy for sale in England, Wales, Northern Ireland and the Isle of Man."

Specification No. 646,770 by Leslie Gaynor Hellens, should be altered so as to read "Leslie Gaynor Hellens."

Specification No. 647,632 by Savory & Moore, Ltd., should be altered so as to read "Pharmaceutical preparations of tannin and albuminate for treatment of diarrhoea and intestinal infections."

(From "The Trade Marks Journal," August 20)

"AERO DEPOLIANT" on diamond-shaped device; for chemical preparations containing calcium cyanamide for removing foliage from plants (1). By American Cyanamide Co., 30 Rockefeller Plaza New York. 637,342 (Associated).

"HUBEX"; for chemical products used in industry science and photography (1); electrical apparatus and instruments in this class, scientific, etc. instruments and apparatus and photographic instruments (9). By J. J. Huber, 22 Philpo Lane, Fenchurch Street, London, E.C.3. 645,883-84 (Associated).

"SUPERLITE"; for tin oxide for use in manufactures (1). By Keeling & Walker, Ltd., Sutherland Works, Sutherland Street, Stoke-on-Trent B64,003.

"SOLVOSIT"; for spirit for use in dissolving shellac and other gums for the purpose of manufacturing french polishes and spirit varnishes (1). By Thew's, Ltd., Lustra Works, Soho Square, Liverpool, 3. 648,443.

"CLAYSIL"; for adhesives for industrial purposes (1). By Joseph Crosfield & Sons, Ltd., Bank Quay, Warrington, Lancs. 649,177 (Associated).

"HERMES" below device of horse and carriage and groom; for toilet preparations (not medicated), cosmetics, hair preparations, soap, perfume, excluding sachets, essential oils and colouring matters (3). By Société Anonyme Hermes, 24 Faubourg Saint-Honoré, Paris. 645,629.

COMING EVENTS

Monday, September 8

ROMFORD BRANCH, PHARMACEUTICAL SOCIETY, Golden Lion Hotel, Romford, at 7.30 p.m. Mr. W. A. R. Thomson, M.D., on "The Modern Treatment of Diabetes."

Tuesday, September 9

HARROW BRANCH, PHARMACEUTICAL SOCIETY, Baptist Church, College Road, Harrow, at 7.30 p.m. Discussion, introduced by Miss M. C. Islip, and Mr. J. F. McNeal (members of the Society's council), on "You and the Branch Representatives' Meeting."

BRITISH SALES PROMOTION ASSOCIATION, Charing Cross Hotel, London, W.C.2, at 6.30 p.m. Dr. G. L. Riddell on "Efficiency in Packaging."

Wednesday, September 10

NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, Café Royal, Regent Street, London, W.1. Dinner in honour of Mrs. J. K. Irvine, M.B.E. (president of the Pharmaceutical Society).

Thursday, September 11

MANSFIELD BRANCH, PHARMACEUTICAL SOCIETY, Victoria Hotel, Albert Street, Mansfield, at 7.15 p.m. Meeting to consider a resolution by Mr. C. H. Roberson; resolutions before the Branch Representatives' Conference, Torquay; and other business.

Friday, September 12

SOCIALIST MEDICAL ASSOCIATION, Denison House, 296 Vauxhall Bridge Road, London, S.W.1, at 7.30 p.m. Dr. J. Waterlow on "Reconstruction of the Health Services in Greece and Jugoslavia."

PLACE YOUR ORDER NOW BRONCHIAL EMULSION



A seasonable Winter Line compounded from a sound
and well proven formula. Soothing and curative

4-oz. Bottles 6/3 Per Doz. + 16 $\frac{2}{3}$ P.T.

8 " " 9/6 " " " " "

BURGOYNE BURBIDGES

Established 1741. & COMPANY LIMITED, LONDON. E.6

WE INVITE
ENQUIRIES FOR

SOLUBLE SAPONINE POWDER

First Manufactured by
us in 1899

★ ★ ★

ESTABLISHED 1870

C. W. FIELD LIMITED

Offices and Works :
**EDWARDS LANE
SPEKE
LIVERPOOL 19**

Phone : Hunts Cross 1345-6-7
Grams : Cambrian, Liverpool

London
5 Great James St.
Bedford Row, W.C.1
Telephone: HOLborn 8251

Dublin
16 Rutland St.
Parnell Square
Telephone : 21162

GUMS SHELLACS

and
WAXES

Acacia
Tragacanth
Karaya
Benzoin
Copal
Mastic
Damar

Japan Wax, White
Bees Wax, Candelilla
Wax, Carnauba Wax
In natural and powder
form

Official Agents:

**ANGELO BROS. LTD
SHELLACS**

A. F. SUTER & CO., LTD.

15 Philpot Lane,
London - E.C.3.

Phone : MANsion House, 2274/5

Telephone -
MAN HOUSE 6877
5 Lines

A. REVAI & CO. LTD.

7-8, IDOL LANE
LONDON, E.C.3.

PARATHYROID POWDER

GLANDULAR PRODUCTS

GUM TRAGACANTH

GUM KARAYA
WHOLE AND POWDERED

M. HAMBURGER & SONS
DIRECT IMPORTERS

Ceylon House
EASTCHEAP, LONDON, E.C.3

Telephone: Mansion House 4139



BORALDEHYDE

(DUNCAN)

An elegant, refreshing and harmless preparation for septic and ulcerated throats, inflamed tonsils, etc. Containing boric acid, formaldehyde and glycerin, and pleasantly flavoured with aromatics, it is popular as a dental wash after extractions, and as a gargle in many infected conditions of the oral mucous membranes.

4-OZ.
Bottles

2/5

P. Tax
Inc.

Another of the profitable Duncan Counter Lines

DUNCAN, FLOCKHART & CO.
EDINBURGH LONDON



BRAZILIAN and CHINESE

MENTHOL

CRYSTALS

REFINED CHINESE

CAMPHOR

TABLETS $\frac{1}{4}$ oz. and $\frac{1}{2}$ oz.
SLABS and POWDER

GUMS, SHELLAC, WAXES,
DRUGS, CHEMICALS

ERNEST M. SINGER

5 WHITTINGTON AVE., E.C.3

Telephone: MAN. 6040-6666

IMPORT — EXPORT

Quinine and Phosphorus Tonic

We can now resume deliveries
of this popular Tonic, and accept
a few new customers

Children's Cough Balsam

'Contenta' Gripe Mixture

Children's Tonic

containing
Glycerophosphates and Hæmoglobin
(Builder and Toner)

Blackwell Hayes & Co. Ltd

WHOLESALE PHARMACISTS

54-58 Moor Street - Birmingham - 4

SOUTH AFRICA AND RHODESIA

Look the world over—find, if you can, a market anywhere that can rival the opportunity offered you now by the UNION OF SOUTH AFRICA AND RHODESIA.

PROSPERITY'S smoke is pouring from its many rich Gold Mines and numerous industries. GOLD PRODUCTION in South Africa has never before been so great and its price so high.

MANUFACTURERS OF PROPRIETARY PATENT MEDICINES AND TOILET PREPARATIONS will find this an extremely profitable market, and an excellent field for the promotion of British exports.

DRUGS & TOILETS (PTY.) LIMITED. Sole South African distributors for a number of well-known proprietary products offers a complete sales, warehousing and merchandising Service. From Headquarters in Johannesburg, and branches in Cape Town, Port Elizabeth, East London, Durban, Salisbury and Bulawayo, salesmen actively canvass the trade throughout the entire territory and supply from full stocks held at each of their branches.

DRUGS & TOILETS (PTY.) LIMITED BUYS OUTRIGHT AND PAYS CASH IN LONDON for all its requirements through their London Office.

Write to
DRUGS AND TOILETS (PTY.) LIMITED
P.O. Box 2801, Johannesburg, South Africa

GARDINERS *for* OVERALLS



WHITE DRILL JACKETS, 2 coupons
3 Pockets Chest 34"-46" 10/9

LONG COATS, 3 coupons
White or Grey " 34"-46" 14/11

Khaki or Navy " 48"-52" 17/-

" 34"-46" 15/9

" 48"-52" 18/-

WOMEN'S OVERALLS, 3 coupons
Long Sleeves — White Drill,
Wrap Over Style

SW W & WX OS & XOS
12/- 12/9 14/3

Coat Style, Belted,
13/9 14/6 15/8

Saxe, Green and Navy, Wrap
Over Style

13/6 14/6 16/-

Coat Style, Belted,
15/10 17/2 18/6

Postage 1-2 7d. All above shrink
State Chest Measurement. Send
Cash and Coupons with Order,
over £2 Carriage Paid.

GARDINER & CO. (THE SCOTCH HOUSE) LTD.
1, 3 & 5 COMMERCIAL ROAD, LONDON, E.1

Opposite Aldgate East Station 'Phone: B18 6781 (8 lines)

Branches: DEPTFORD, S.E.8; WOOLWICH, S.E.18
CLAPHAM, S.W.11

BURNSIDE'S EUCALYPTUS OILS

Distilled in Australia by the largest distillers and refiners of Eucalyptus Oils in the world—W. K. BURNSIDE, PTY., LTD., MELBOURNE, AUSTRALIA.

80/85% B.P.
Oil Euc. Dives 40/45%
Oil Euc. Citriodora

70/75% B.P.
Piperitone 90/95%
Oil Euc. Phellandra

... Phellandrene ...

UNIFORMITY OF QUALITY . CONSISTENCY OF ODOUR

Agents for U.K.: **WILSON & MANSFIELD LTD., 15 Philpot Lane, London, E.C.3**
'Phone: MANSION HOUSE 9264-5-6 (WHOLESALE ONLY) 'Grams: WYFIELD, LONDON

TEL.: CANONBURY 3401

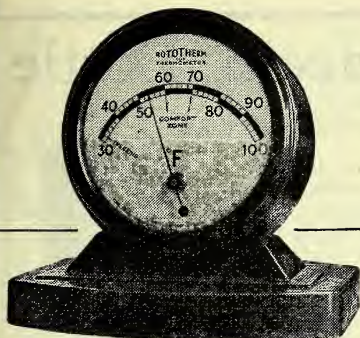
BUCKLEY BOWKER TABLET CO. LTD. PARKFIELD STREET, LONDON, N.1

OVER 40 YEARS PRACTICAL EXPERIENCE

COMPRESSED TABLETS EVERY KIND (BULK or PACKED)

PRIVATE FORMULAS COMPOUNDED BY EXPERTS (Strictest Secrecy Guaranteed)

We have specialised **CONTRACEPTIVES** (Special Formulas), TABLETS and JELLIES
for many years in—



Handsomely designed Table and Desk thermometers which you can sell on very profitable terms. Also Wall models in various colours.

PRICE 15/- Retail.

Rototherm

DIAL THERMOMETERS

THE BRITISH ROTOTHERM CO., LTD.
Merton Abbey, S.W.19 Tele.: Lib. 3406
and at 87 St. Vincent Street, Glasgow, C.2

Pitchford

- British made
- Distinctive in appearance
- Light in weight

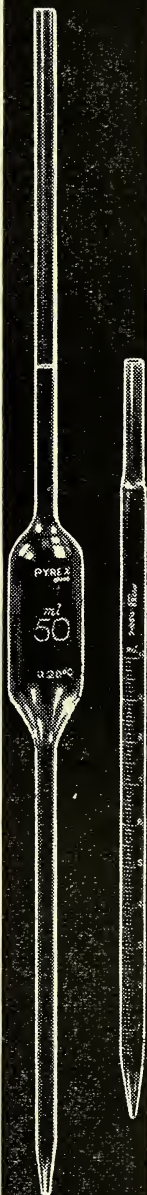
Nonoday
REGD. 62499

HIGH CLASS
SUN-GLASSES

Ask your wholesaler
for details of Styles,
Terms, etc.

Or Apply to

LEWIS (Import & Export) Ltd
232 Gt. Portland St., London, W.1
Tel. Euston 8485



Four Important features of PYREX GRADUATED GLASSWARE

1. Low co-efficient of expansion.

This is as low as 3.2×10^{-6} per degree Centigrade and prevents fracture from sudden changes of heat and cold.

2. Robustness.

By reason of this low co-efficient of expansion, the structure of PYREX Glass can be made more robust than that of ordinary glass.

3. Economical.

It therefore follows that losses from breakages due to frequent everyday handling are much reduced, thereby giving longer service.

4. Accuracy in calibrating.

Made in two N. P. L. standards, namely, Class B. for everyday laboratory usage, and Class A. for more meticulous research or analytical work.

PYREX GRADUATED GLASSWARE

made by

James A. Jobling & Co. Ltd.,
Wear Glass Works,
Sunderland.

G 55 C

The 'Clinbritic' Vaccine Bottle

Patent No. 492200

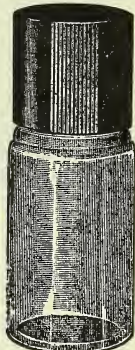
MADE IN WOOD'S ALKALI FREE AMBER or WHITE GLASS



Assembly Details

A new type of Multiple injection "vaccine" bottle which possesses several points of interest and offers a very near approach to the ideal. No Wiring is necessary, and there is no distortion or bursting of the rubber cap even at pressures up to 50 lbs.

The india rubber vaccine cap, of special design, is protected by a screw bakelite cap, and provision is made for maintaining the sterility of the outside surface of the vaccine cap. No manipulation whatever is required after sterilization.



Completed

Samples, Prices and Full Details on Request

Britton, Malcolm & Company, Ltd.
38 Southwark Bridge Road, London, S.E.1

NEW or SECONDHAND MACHINERY
or Chemical Plant of any kind

REED BROTHERS (Engineering) LTD.

Bevis Marks House, London, E.C.3
Telephone - - AVenue 1677/8

SURGICAL RUBBER GOODS

Loose and packed Lines from 24/- gross
Transparent Bottle Teats 24/- gross
Transparent Valves 18/- gross
Nylon Toothbrushes asst. colours from 10/- doz.

ENQUIRIES INVITED
PHILIP SHRANK LTD.

3 Woodberry Grove, Finchley, London, N.12

SURE-SELLING STOCK

OVER 150 YEARS REPUTATION

KEARSLEY'S

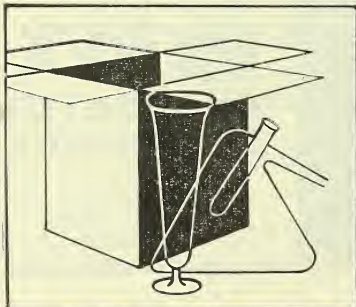
THE ORIGINAL

WIDOW WELCH'S FEMALE PILLS

9d. BOX PROFIT by ordering 1 dozen
3/- size. Bonus box given on every
dozen (13). It pays to push this size

C. & G. KEARSLEY LTD

71 Dartmouth Rd., London, S.E.2
Est. 1787 in the Reign of King Georgell.



SPECIAL CONTAINERS

FOR SPECIFIC PURPOSES

Consult the Specialists in Cartons and Display

J. DRING LTD

Sales Office: 34 HARLEY STREET, PORTSMOUTH

RENTOPINE DDT DISINFECTANT

advertised extensively in the Press and
Woman's Media, RENTOPINE is a guar-
anteed quick selling line. INCREASE
OUR TURNOVER by stocking this
amazingly successful combined Germicide
and Insecticide.



RENTOPINE
retails at

1/- & 2/-
per bottle

Write for particulars and trade
terms to—

RENTOKIL LTD.
SCHOOL LANE, FETCHAM, SURREY
and STOCKWELL ROAD, S.W.9
Brixton 6426/7



We are constantly striv-
ing to increase our output
and to improve our deli-
veries. Meanwhile, we
assure our customers that
we are maintaining strict-
ly fair distribution.



BEATSON CLARK BOTTLES



BEATSON, CLARK & CO. LTD.
MANUFACTURERS OF CHEMICAL AND MEDICAL GLASS
ROTHERHAM Established 1751 YORKS

NO PINS
NO PADS
NO BELTS

HOLLY-PAX

—GIVES YOU
Quick SALES
—AND Quick
PROFITS!

Chemists and department stores already know the popularity of Holly-Pax —and sales are rocketing with the increasing availability of supplies. Holly-Pax still offers by far the best tampon value on the market. In addition, retailers' profits are boosted by the new Bonus, which is to operate for a limited period only.

Special BONUS OFFER

(for a limited
period only)

Every dozen packets of Holly-Pax ordered and delivered to retailers will be invoiced as 11 only!

In order to stimulate consumer-interest and influence new regular customers, advertising is being conducted in the women's and film magazines, featuring the advantages of Holly-Pax.

Attractive display material will also be available shortly, offering retailers 'on-the-spot' salesmanship for Holly-Pax. Watch for it.

Sole distributors :

FASSETT & JOHNSON LTD
86, Clerkenwell Road, London, E.C.1

SUROQUALET

TRADE MARK

THE NEW ELECTRIC STERILIZER

Makes the Sterilization and Assembly of Syringes Safe and Foolproof.

PRICE
£5 - 15 - 0

Working Capacity
1 Pint . . . Boils
in 10 Minutes.
Overall
Dimensions 8½"
High and
4½" Diameter of
Base.



SURGICAL EQUIPMENT SUPPLIES LTD

WESTFIELDS ROAD, LONDON, W.3

Name of Local Dealers on request

TAYLOR 655



Containers of Metal
Glass, Aluminium
and Plastic

Tel: Hop 0516 (6 lines)

Percenta House, 130/2 Tooley Street, London, S.E.1

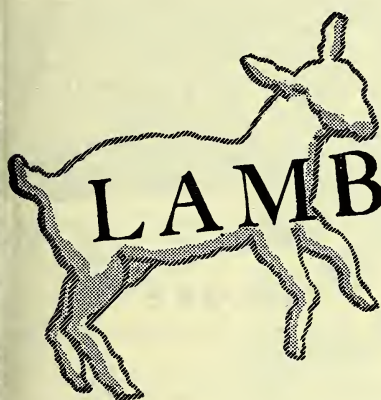
JOHNS, SON & WATTS, LTD

J.S. & W. THE PACKAGING SPECIALISTS
Letterpress & Litho. Cartons, Folding
Rigid Boxes, Packings for Special Purpose
2-4 EPWORTH STREET, LONDON, E.C.4
Phone: MONarch 7408 (3 lines)

THE RELIABLE
Edosan
SANITARY TOWELS

PURE COTTONWOOL THROUGHOUT

EDOSAN LTD. 189, CARLTON VALE, LONDON NW6



Protexit

TRADE MARK

LAMB'S WOOL

for

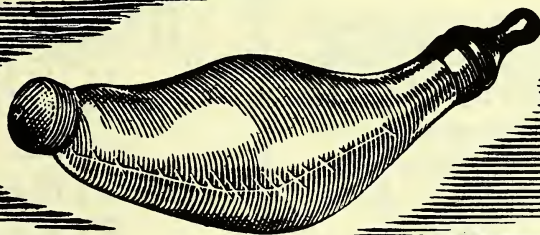
CHIROPODY
and other uses

PRICES PER DOZEN:					
1/2 oz.	1 oz.	2 oz.	4 oz.	8 oz.	16 oz.
3/9	6/9	12/-	22/6	39/-	75/-

All prices subject to 3 1/4 per cent Purchase Tax, with the exception of the 16 oz. size
WHOLESALE TERMS ON APPLICATION

Attractively packed in carton with transparent paper wrapping

MACDONALD & SON, LTD
DAWSON STREET, SALFORD, MANCHESTER 3



REGD. TRADE MARK

Lullaby

the Original Seamless
MOULDED HEAT CURED

TEATS & VALVES

All made to the same unapproachable
quality standards.

retail at 6d. each. Supplies are still not
adequate to meet all demands but are
rapidly improving.

CAN BE STERILISED CONTINUALLY
WITHOUT DETERIORATION

Made only by
THE RELIANCE RUBBER COMPANY LTD.
Lots Road, Chelsea, London, S.W.10
Telephone: Flaxman 6200 & 0985/6
Telegrams: "Doorstop," Fulroad, London.

FEATURE LIL-LETS TO BUSINESS WOMEN

1 THEY'RE EASY TO CARRY

So discreet—a carton in handbag or pocket—nobody knows.

2 THEY'RE EASY TO PACK

A carton of 12 Lil-lets is no bigger than a spectacle case—slips into a corner of a suitcase.

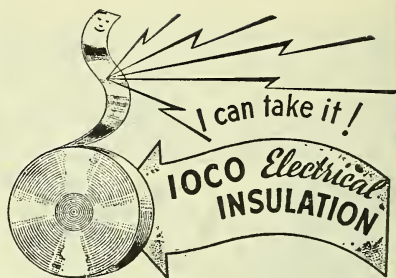
3 THEY'RE CONVENIENT TO USE

Comfortable, non-chafing, invisible, easy and quick to insert—big advantages to business women.

LIL-LETS are the new improved sanitary tampons, approved by doctors. Lil-lets are made of highly absorbent cotton wool, wholly enclosed in gauze, compressed and coated with an innocuous soluble film for easy insertion. Order from your usual wholesaler. Lil-lets sell at 1/9d. a carton of 12. You buy the dozen carton at 15/4d. net.

Lil-lets
INTERNAL PROTECTION

SANITARY TAMPONS
A SMITH & NEPHEW Product



"SILOPEX"

The latest heat and moisture resisting insulating fabric.

"SILOPEX" Electrical Insulating Fabric and tapes solve all temperature difficulties.

"SILOPEX" is a woven Glass Fabric, impregnated with "Silicone" Varnish suitable for Electrical insulations where resistance to temperatures in excess of 200° C. is required.

Full details on application.

IOCO Limited, Anniesland, Glasgow

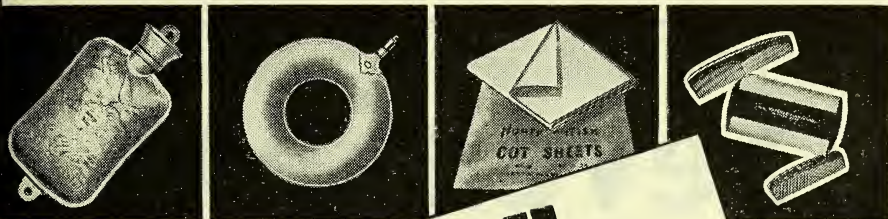


EVERYTHING IN STAINLESS STEEL

For hospitals, canteens and like organisations we offer a range of highly polished stainless steel equipment designed in the modern idiom and made by us who have been craftsmen in metal for over 100 years. Careful research has ensured that each and every article is ideally suited to perform its particular function. It will pay you to write today for our illustrated catalogue of these lasting bright aids to efficiency.

ANDREWS TECHNICAL EQUIPMENT
LIMITED

ALBANY WORKS - BATH - SOMERSET
'Phone: Bath 7644/5. 'Grams: 'Medico' Bath



NORTH BRITISH

Rubber Products

FOR THE DRUGGISTS' TRADE
RUBBER GLOVES · VULCANITE COMBS · WATER
BEDS · SQUARE AND CIRCULAR AIR CUSHIONS
HOT WATER BOTTLES · WATERPROOF SHEETING

THE NORTH BRITISH RUBBER CO. LTD., EDINBURGH & LONDON
HW 11

STAINED!

For the "professional style" cleaning of DAINTY AND DELICATE FABRICS, SUITS, HATS, SATIN AND BROCADE SHOES, GLOVES, SCARVES, TIES, CARPETS, also for WINDOWS, MIRRORS, BATHS, PAINTWORK, etc. use Solitaire Dry Cleaner.

Solitaire Dry Cleaner is perfection itself for the cleaning of all fabrics, no matter how dainty. No chemical bleaching action. Leaves no "ring." Non-inflammable. Different from other solvents—cleans by the action of millions of tiny globules which gently carry away all dirt.



Small bottles price 1/6 at Chemists, Stores, etc.

**SOLITAIRE
DRY
CLEANER**

MURMOTO CHEMICAL CO. (FACTORS) LTD.
1-3 Brixton Road, London, S.W.9

Thinking of

NORTHERN IRELAND

WILL REMIND YOU OF

Belfast Telegraph

The Newspaper with the largest circulation in Northern Ireland. Read in the homes of the people throughout the whole of this important industrial and agricultural part of the

UNITED KINGDOM

HEAD OFFICE:
ROYAL AVENUE,
BELFAST.

LONDON OFFICE:
112 FLEET STREET,
LONDON, E.C.4

SevenSeaS

COD LIVER OIL

Presents to the chemist the best opportunity for increasing turnover and profits. The public have never before been so fully aware of their need for more fats and more vitamins and SEVENSEAS is the best answer for both.



**It is to the chemist's advantage to render
National Service by pushing sales**

**ISSUED BY BRITISH COD LIVER OILS (HULL & GRIMSBY) LTD.
ST. ANDREW'S DOCK, HULL.**



‘AVLON’

PENICILLIN PREPARATIONS

and

PENICILLIN SALTS

Penicillin—Crystalline Sodium Salt (white)

Minimum potency, 1,600 units per mg.

0.1, 0.2, 0.5, 1.0 mega unit.

Single vials.

Boxes of 10 vials.

Oily Injection of Penicillin B.P.

(125,000 units calcium salt per c.c.)

Vials of 10 c.c.

Boxes of 10 x 10 c.c.

Penicillin Lozenge B.P.

(Each 500 units calcium salt)

Bottles of 25.

Penicillin (Calcium Salt) with sterilised Sulphamezathine
B.P.C.

(5,000 units penicillin per gramme)

Bottles of 25 grammes.

Penicillin (Calcium Salt) with sterilised Sulphanilamide
B.P.

(5,000 units penicillin per gramme)

Bottles of 25 grammes.

also

Penicillin Sodium Salt

(0.1, 0.2, 0.5, 1.0 mega unit)

Single vials.

Boxes of 10 vials.

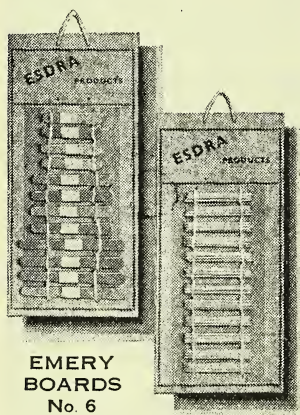
IMPERIAL CHEMICAL [PHARMACEUTICALS] LTD.

THE RIDGE, BEECHFIELD ROAD,
ALDERLEY EDGE, MANCHESTER

Ph. 208a

Esdra

*Sundries and
Toilet Goods*



EMERY
BOARDS
No. 6

ORANGE
STICKS
No. 1012

*We invite
your enquiries*



5129



338/2



1505/2



1573/2



1582

ESDRA PRODUCTS LTD

5-6 Argyll Street, Oxford Circus, London, W. 1.

Telephone, GERard 8227

M&B PACKED PHARMACEUTICALS

Analytical control - the sure foundation for accurate dispensing



From the arrival of the raw materials to the despatch of the finished product, every stage in the preparation of an M&B pharmaceutical is subject to precise and unremitting analytical control to ensure the maintenance of the highest standards of purity and therapeutic activity.



MAY & BAKER LTD. DAGENHAM

Wholesale distributors throughout the country

RENDELLS

request you

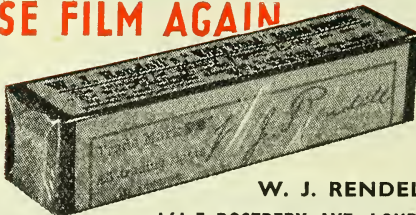
to return to their address below all stocks of Rendells Pessaries which are not wrapped in "Cellophane" Cellulose film. These goods will be immediately exchanged for equal number of Cellulose-wrapped goods.

It is once more possible to dress our famous product in this modern hygienic wrapping and all future supplies will be so despatched.

★Your stocks should be returned promptly, because the Public will now expect to purchase Rendells with the outer transparent wrapping.

IMPORTANT. Postage will be refunded upon all goods returned *direct*. The sender's name and address must be written on the outside of all packages and the quantity returned stated.

**NOW WRAPPED IN 'CELLOPHANE'
CELLULOSE FILM AGAIN**



W. J. RENDELL LTD.
161-5 ROSEBURY AVE, LONDON E.C.1.

PRODUCTS FOR FEMININE HYGIENE

Specify

DUNLOP

AIR CUSHIONS AND
BEDS

★

WATER BEDS AND
PILLOWS

★

JACONET AND COT
SHEETING

★

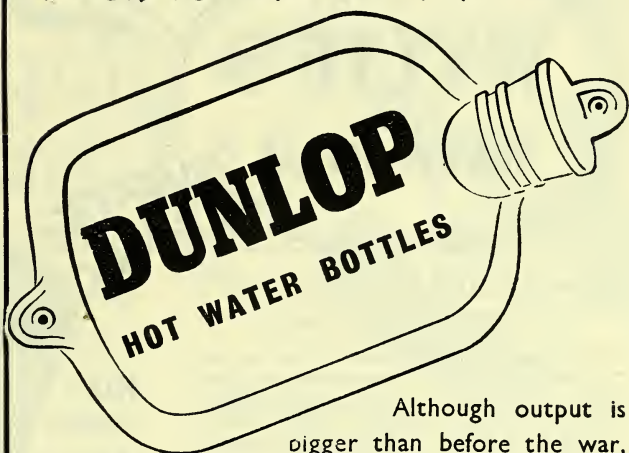
ACID AND WATER-
PROOF BEDSHEETING

★

When you order from
your wholesaler

DUNLOP RUBBER CO LTD · CAMBRIDGE STREET MANCHESTER
47G/SG2

BACK TO PRE-WAR QUALITY



Although output is
bigger than before the war,
we cannot yet meet the full demand which
the quality of Dunlop bottles creates. Keep in
touch with your wholesaler for supplies.

Pharmitex
PURE
TOILET TISSUE
is post war
quality and for
Chemists only.



HAROLD WESLEY LTD.
HARLEY MILLS, LONDON, N.W.10

**No Empties
No Fulls**

Your supplies of squashes and cordials are now strictly
related to the number of empty bottles you return.
The Soft Drinks Industry has been compelled to make
this rule as only negligible numbers of new bottles
are being obtained. You, in turn, must insist upon every
customer handing in an empty S.D.I. bottle before you
supply a full one, otherwise your future supplies of
squashes and cordials will be cut. It is regrettable, and
repugnant to the manufacturers, but there is no option.
The fact is the empty bottles are not coming back.

**make a fast rule of
BOTTLE FOR BOTTLE**

The Soft Drinks Industry
(War Time) Assocn. Ltd.



42 Upper Grosvenor
Street, London, W.1



WYLIE'S
Abrasive
HAND SOAP

*It's QUICK—
It's GOOD!*

INVALUABLE IN THESE DAYS OF SOAP SHORTAGE

This is the scarlet and pink tin that catches the customer's eye — outstanding on your shelf, compelling in its attractiveness; WYLIE'S Abrasive HAND SOAP is kind to sensitive skins, it cleans and protects hands, making them soft and supple while gently removing grime. No grit, acid or caustic. A quality line worthy of warm recommendation. Write us now for full details.

NO
COUPONS
1/6
IN THE PINK
AND RED TIN

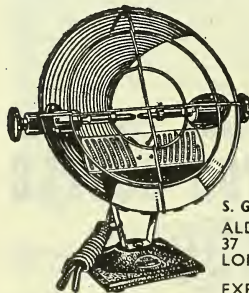


WYLIE'S CLEANSERS LTD., 12 DARTMOUTH STREET, LONDON, S.W.1

RAYSOL *Super-Tonic* SUNLAMP

Expressly designed for the elimination of pain and as a general tonic. The Raysol Super-Tonic Sunlamp radiates in well balanced proportions a copious emission of Infra-Red Radiant-Heat and Ultra-Violet Rays.

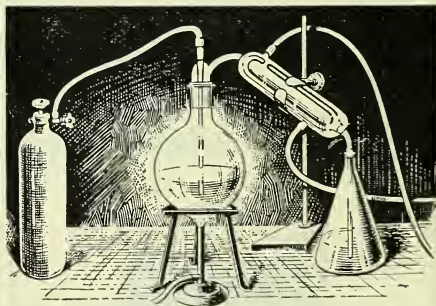
The Raysol Sunlamp is an invaluable ally in maintaining fitness and so securing immunity from colds, influenza and other exhausting ailments.



The Raysol Super-Tonic Sunlamp may be obtained from leading Wholesalers; if difficulty is experienced write for full details and name of your nearest stockist to the sole distributors:—

S. GUITERMAN & Co Ltd
ALDERMAN HOUSE
37 SOHO SQUARE
LONDON - W.1

EXPORT ENQUIRIES
INVITED



The scientific accuracy of
RODINE
is indisputable!

Every batch of Rodine Rat Poison is biologically and chemically tested before packing so that you can always recommend it with complete confidence.

P.A.T.A.

T. HARLEY LTD., PERTH, SCOTLAND

ATTRACTIVE TRANSOTAPE

*PUTS YOUR
PACK ON A
PEDESTAL*

JOHN GOSHERON & CO LTD

GAYFORD ROAD LONDON W 12

SHE 3326 (5 lines)

PW 47/14

Applied Before Work

ROZALEX
REGD. BRAND

*Keeps Hands Clean
and Healthy*

Temporary Pack —
Tins retailing at 2/1d. including
Purchase Tax

★ **ALSO ROZALEX OINTMENT**
IN JARS 2/6 INCLUDING P.T.

Retail discount 25%

ROZALEX LIMITED

10 Norfolk Street,* MANCHESTER, 2

**LET'S HAVE A
ONE HUNDRED PURR-CENT
DEMAND!**

SAYS 'TIBS' THE
KITTENISH
CAT



“Claws and whiskers! That'll be the day . . . There's a tidy six million of us cats in this country—and if every cat had one 'Tibs' daily—well, you can work it out for yourself . . . That's why I'm getting busy in all the papers, teaching your less enlightened customers that “a 'Tibs' a day” is the golden rule of health for cats. To judge from results to date, the growing demand for 'Tibs' is going to

do a bit of good to chemists as well as cats. Yes sir, the market is as wide as the grin of my old Cheshire friend!”

**I MESMERISE
WITH ROLLING
EYES! —**



(ABOVE) “The Cat with the Rolling Eyes.” This intriguing window display shows ‘Tibs’, the kittenish cat, lapping a saucer of milk. As you move your head, so the cat’s eyes appear to move—with an expression of great contentment. Now ready for distribution. Full particulars of this and other clever display material from Bob Martin Ltd., Room 165, Southport, Lancashire.

PATA

Red Heart

CANNED DOG FOOD

IS NOW 1/- PER TIN



Available supplies are being distributed as fairly as possible and the quality remains the same. Rising costs, however, have now necessitated an increase in price to 1/- per tin.

NEW PRICE TO THE TRADE

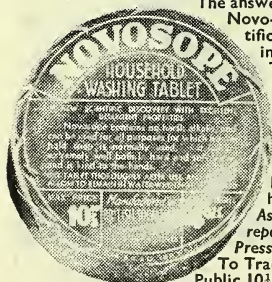
38/- PER CASE OF 48 TINS

JOHN MORRELL & COMPANY LIMITED, LIVERPOOL AND LONDON

CVS-208



The new household washing tablet



The answer to the soap shortage. Novo-sope, the new scientific discovery with amazing cleansing properties. The Novo-sope Tablet is ideal for all purposes for which household soap is normally used. It contains no harsh alkalis, is economical in use and LATHERS EXTREMELY WELL in hard or soft water. As recommended and reported in the National Press.

To Trade 7/9 per dozen. To Public 10½d. per tablet. (In England and Wales only).

BRITISH SOLVATES LTD., Wharf Road, Ponders End, Middlesex. Tel.: Howard 2231.
Scottish Distributors: Southern Mfg. Co., Ltd., 214 West Regent Street, Glasgow, C.2
Orders executed in strict rotation.

EDIBLE EMULSIFIERS

GUARANTEED
TO CONFORM TO
FOOD & DRUGS SPECIFICATION
SAMPLES & PRICES ON REQUEST

The Faylene Manufacturing Company
15 Queens Court, Lower Briggate, Leeds 1
Telephone 22594

ASPIRIN 309

Supplies of this New, Palatable and convenient form of Aspirin—with the lemon flavour—are immediately available. Extensive Advertising supports you and attractive display material sent upon request.

Manufactured by:
SMITH, SAVILLE & PARTNERS Ltd.
Willshaw St., London, S.E.14

THERE IS NOT
SUFFICIENT*Beaulah's*FAMOUS
MALTED MILKFor all the people
who want it.our policy therefore is
to distribute all available
supplies to our Chemist
friends only.one popular size **2/6**
only at present . . .& J. BEAULAH LIMITED
OSTON LINCS.LINK UP with
THIS BIG CAMPAIGN

Can you spot the GREYFACES?

Of course, they're everywhere—the red-looking depressed people, their energy sapped by queues, worry, strain. Hurry! How about YOU! Don't be just so-so. VITAL FORCE won't let the punishing tempo of modern, high-pressure living get you down!

THEY NEED A COURSE OF Vital Force

THE BUSY PERSON'S TONIC

TO PUT THEM 'IN THE PINK'

42 TABLETS 3/9 - 14 Days Course from 20 Chemists

Igorous Press and Poster Advertising is putting VITAL FORCE over in a big way. Take a share of this profitable business. Let us send Display material and Showcards (in full colour), together with handsome terms. Retailers at 3/9d.

MACLENNAN PRODUCTS LTD.
9, MONTRELL ROAD, LONDON, S.W.2.

★
*Evening
Glory*
SHAMPOO SUPREME

NOW
AVAILABLE
in
LIQUID
FORM



A first-class pack
to Retail at 2/-
per fancy bottle
(approx. 4 ozs)

Price to Retailer
13/6 doz, plus 4/6
Tax.

2/-
INCL. TAX

Stock up now with
this high-class line.

Supplies obtainable from

EMMET

DISTRIBUTING COMPANY LIMITED
140 PARK LANE, LONDON, W.1

Manufactured by
CARL MUMBY (PRODUCTION) LTD. CLEETHORPES

If You're out of One Recommend the Other

In these days, when, do what we will, we cannot always cope with demand, there is an added advantage in the two Parmints.

At the moment the ready for use Parmint Linctus is in short supply. If you are temporarily out of stock, recommend your customers to take a bottle of the Parmint Concentrated Essences.

All our press advertising features both Parmints and mentions their prices.



**INTERNATIONAL
LABORATORIES LTD.**

1/3 Smedley Street
London, S.W.8

PATA

'SEPTISOL'

for Diaper Rash

**NURSERY
OINTMENT**



'SEPTISOL'

for Better Baby Bathing

**BABY
SOAP**



Give Profit and Prestige, and ensure Repeat Demand

'SEPTISOL' LIMITED
28 KENNEDY ST.
MANCHESTER 2.

SELTO

Dental Salt

33⅓% Discount

RECOMMENDED by Dentists in all parts of the country. Link up with increasing demand on direct terms.

33⅓% discount. Bottles 1/10½, refills 1/7 (inc. tax).



SELTO (Eastbourne) Ltd.
Hampden Park Eastbourne

ROBINSON'S 'PATENT' GROATS

NEW PRICES ARE IN OPERATION AND CONSUMER PRICES SHOULD BE

1 lb. TINS 1/9

½ lb. „ 11d.

ROBINSON'S 'PATENT' BARLEY
PRICES UNCHANGED

KEEN, ROBINSON & CO., LTD
CARROW WORKS, NORWICH

Betalax

THE BETTER
**CHOCOLATE
LAXATIVE**

RESTRICTED SUPPLIES
are now available
again... all who purchased
previously are automatically
granted a quota. Will you
please write and take it up?

Certain quantities have been reserved
for areas where our representation is
not complete. Will wholesalers please
write for supplies immediately?

Betalax "sixes." Wholesale 18/- per gross,
plus tax. Retail 2½d., inc. tax.

Betalax "fifteens."
Wholesale 45/- per
gross, plus tax.
Retail 6d. inc. tax.

THE BETALAX CO.
25, HANOVER SQ.,
LONDON, W.1.

CHILDREN LOVE THEM
— SO WILL YOU



SPARKLING Harrogate Health Salts



**THE
HEALTH
SALT—
PLUS!**

17/- per doz.
(Purchase tax 2/10)
Retail selling price
2/- (incl. tax).

32/- per doz.
(Purchase tax 5/4)
Retail selling price
3/9 (incl. tax).

Supplies are restricted but orders
are dealt with in rotation. You are
invited to apply for a quota to the

Sole Selling Agents:

KORAY LTD.

Koray House, 25 Hanover Square, London, W.1

Manufactured by
The Harrogate Tablet Co. Ltd., Harrogate

**P.A.T.A.**

EMERGENCY PACKING URALYSOL

We regret that owing to the continuing bottle shortage, we have been compelled to adopt temporary packing, as illustrated.

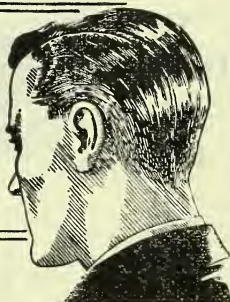
SUPPLIES OF URALYSOL ARE FREELY AVAILABLE

P.A.T.A. 36/7d. per dozen. RETAIL 3/11½d
(including Purchase Tax).

CONTINENTAL LABORATORIES LIMITED

101, Gt. Russell Street, W.C.1. 'Phone MUSEUM 2042/3

*for
healthy
hair—*



NODAN—prepared from a highly scientific formula — clears dandruff and scurf and retards baldness. It penetrates deeply, acts *quickly*.

*Price to public
3/10½ inc. tax*

N O D A N

Display material available

Enquiries to :

FASSETT & JOHNSON, LIMITED

86, Clerkenwell Road, London, E.C.1.

*More and more
women are ironing
their way to beauty
with the
ionette*

Supplies of this first class Beauty Iron are readily available to chemists and stores handling only high quality specialities.

CJ94 PRODUCTS LTD., 35 PARKGATE R? SW.11

SHERLEY'S always make Regular Customers!

To be sure of a fair share of the big, regular demand for the Sherley's preparations please order well ahead—or empty shelves can only mean disappointment. There is no treasure like a regular customer. He is the mainstay of profitable trading; a source of valuable good will. Adequate stocks of Sherley's Dog and Cat Medicines will keep the "regulars" happy and turn many a "casual" into a good friend.



SHERLEY'S DOG MEDICINES

F. SHERLEY & CO. LTD., 16/18 MARSHALSEA ROAD, LONDON, S.E.1

To REMIND YOU

SUPPLIES
OF THE NEW
INSECTICIDE

BRETTS DDT GEIGY.

ARE NOW AVAILABLE.

SEND A POSTCARD
NOW

PRICE
10/-
PER DOZEN

Manufactured by

**Dr. BRETTS
LABORATORIES • SALFORD.**



A crying shame!

There are more fretful babies today,
because there is less Nurse Harvey's
available due to the bottle shortage.
Let us know if you are not getting
your fair share.

*Baby's
next
best
friend..*

O. SCRUTON
& CO. LTD.,
BARKER LANE
YORK

**NURSE
HARVEY'S
MIXTURE**

ABBOTT'S STANDARDIZED

BREWER'S YEAST TABLETS

Abbott Standardized Brewer's Yeast Tablets are indicated in prophylaxis and treatment of certain conditions arising from dietary deficiency of the vitamin B complex. Made from a special strain of Brewer's Yeast, which yields a high content of vitamin B₁, each 7½ grain tablet supplies not less than 15 International units of vitamin B₁ and 20 Sherman units of vitamin B₂.

Supplied in bottles of 100 and 1,000 tablets.

Literature and Price Lists on request.

For all cases of vitamin therapy, for single or multiple deficiency, there is an eminently suitable and palatable combination in the Abbott range of vitamin products.



ABBOTT LABORATORIES

WADSWORTH ROAD

PERIVALE

MIDDLESEX

“MARIE”

SANITARY TOWELS

The Immaculate Protection

Each towel is made from 100 per cent Pure Bleached Cotton Wool with Rayon/Cotton Gossamer covering including Looped ends, which affords Maximum Absorbency with Perfect Comfort

Always insist on 100 per cent Bleached Cotton Wool, nothing is so good

To be sure of complete and absolute satisfaction there is only one answer:—

“MARIE”

AIR BEFORE WEAR

REGD.

Trade Enquiries:

D O W N I N G S
PLANE ST. MILLS, OLDHAM, LANCs.

Supol

HAEMORRHOIDAL
SUPPOSITORIES
SOLD THROUGH CHEMISTS ONLY

ALMOST 40% PROFIT

SUPOL gives rapid relief and lasting comfort in hæmorrhoidal pains, rectal irritation, etc. You get grateful customers and almost 40% profit. Hundreds of doctors are now prescribing SUPOL, others are being circularised. A free sample will be sent to your local practitioner on request.

BOXES OF 12, RETAIL 3/4 INC. TAX

Sole Distributors

FASSETT & JOHNSON, LTD.,

86 Clerkenwell Road, London, E.C.1.

MARSHALL'S PROPRIETARIES LTD

*have Pleasure in Announcing
Additional NEW★ Products*



LUMA CUBES

Luma Anti-Rheumatic Compound in handy form of 2 cube cartons 6d.

Display outer 2 doz. carton.
39/- per gross plus P.T. 16.2/3%

LUMA ANTI-RHEUMATIC COMPOUND

A remarkable efficacious remedy for Gout and Rheumatic Conditions.

Selling 3/8d. 26/- per dozen plus P.T. 16.2/3%



MARSHALL'S ★ NURSERY POWDER (MEDICATED)

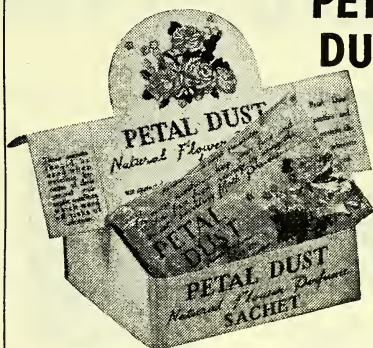
Delicately perfumed. Packed in patent perforated container.
Selling 1/4d. 114/- gross plus P.T. 16.2/3%

ALL-FAB WASHER

The NEWEST and BEST of all Fabric Washers. Very economical.
Selling 10½d. 96/- per gross



PETAL DUST



A Moth Preventer de-luxe, daintily perfumed in sachet form. 9d. per packet. 44/- gross plus 100% P.T. Display Outers 1. doz.

MARSHALL'S WONDER WASHER

A high grade household washing powder. Kind to the hands. Highly concentrated.
Selling 9d. Trade 81/- per gross.



MARSHALL'S PROPRIETARIES LTD., 110, CANNON ST., E.C.4.

THERE IS ONLY ONE WINNER
when **INSECTS**
challenge

SECTO
D.D.T.
Regd.



The insecticide
that sells on sight
and repeats on merit

Made in the Factory that supplied H.M. Government with D.D.T. products during the War

Retail Prices of SECTO D.D.T. are:—

Powder 1/3 2/6 5/6 Liquid 2/- 3/- 6/- 15/-

Usual Trade Profit Margins and Discounts

SECTO CO. LTD., BLACKBURN

NOW AVAILABLE
RHUMUV
BRAND
CAPSULES

This attractive trial
show outer contains:
6 x 3/6 Rhumuv Caps-
ules @ 24/- doz. = 12/-
+ P. Tax 2/- = 14/-
+ only 6/6 @ 44/6 per
doz. = 3/8½ + P. Tax
7½d. = 4/4

Total cost—18/4 per
carton.

POSTAGE FREE

Rhumuv Capsules
give relief from
rheumatic pains,
headaches, neuralgia,
influenza, feverish
colds.



SimpkinS of Sheffield

A SPLENDOR PRODUCT

YOU OUGHT TO STOCK!

An excellent formula

—a striking pack

—a rapid seller

and steadily advertised.

3½d., 6½d., 1/5 and 2/6 Incl. P. Tax

Prompt delivery from all wholesalers or direct
from

SPLENDOR LTD.

LONDON and NOTTINGHAM

PROPAX

DOUBLE POWER
TABLETS

REALLY STOP PAIN

PATA

Show these

-and show a Profit!

**Supplies of Alka-Seltzer
are now freely available . . .**

due to the extensive National and Provincial advertising, the public demand for these unique alkalis-ing, analgesic, effervescent tablets is steadily increasing. Be sure that you have adequate stocks of Alka-Seltzer. Make full use of the attractive window and counter display material that is sent with every parcel.

RETAIL PRICES:

SMALL SIZE (12 TABLETS)	1/5
LARGE SIZE (30 TABLETS)	2/10

Including Purchase Tax

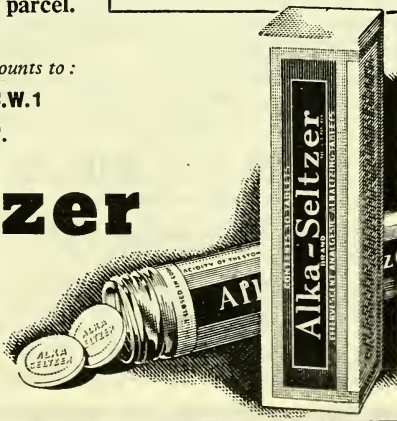
Write for trade price list and particulars of display discounts to:

Don S. Momand Ltd., 57 Albany St., London, N.W.1

Sole Distributors for Miles Laboratories Ltd.

Alka-Seltzer

**QUICK DOUBLE-ACTION
ALKALISES, RELIEVES PAIN**



MISCELLANEOUS OPPORTUNITIES

Glycerine, Gums; Waxes, "Spermaceti" etc.
Essential Oils; Lanoline; Petroleum Jelly;
Searic Acids; French Talc; Zinc Oxide;
Vanillin Substitute; Triethanolamine; Lauryl
Alcohol Sulphonate Substitutes; Acetic Acid;
Glyceryl Monostearate; Cetyl Alcohol. All Fine
and Heavy Chemicals.

HOME and EXPORT

J. J. VIGON & CO., LTD.

30 Fenchurch Street, London, E.C.3.
Mansion House, 0466/9

FOR SALE

**2 to 10-oz. NEW BOTTLES & JARS
ALL AMBER COLOUR**

GRAY & ROSS, 166 Piccadilly, London, W.1.
Telephone: REGent 0672/3

FOR SALE ex Durban in concentrated form in
original U.S.A. packings:—6 tons Lethane, 4 tons
Thanite, 3 tons Thanite 75% D.D.T. 25%, 1 ton
Thanisol Emulsifier 70% and 3% D.D.T. with
emulsifying agent. Details from

**ANGLO-AFRICAN SHIPPING COMPANY (S.A.)
LTD., 99/100 Fenchurch Street, London, E.C.3**

Special Offer: Lavender Water & Eau-de-Cologne
4oz. s/c bottles @ 36/- dozen. Rhos-in-Ara Perfume
48/- dozen. Bay Rum 2oz. 18/-, 4oz. 32/- dozen.
Liquid Dry Shampoo 2oz. 11/- dozen. POEM Per-
fume 48/- dozen. Lipstick Cases Metal screw up.
20/- dozen. Calamine Lotion N.W.F. 11/8 dozen.
Purchase Tax included. Cash with order
SAMSON SHOPKEEPERS SUPPLIES Ltd. Glos.

New lines wanted by London Distributing House
with view to Sole Distribution to Chemists, Ladies'
Hairedressers and Stores. Will purchase if necessary.
Large Sales force cover all of Great Britain and right
lines will be nationally advertised. Write to

British & International Proprietaries, Ltd.
30, Budge Row, London, E.C.4. B

● Ex R.A.F. Film!!

(Fully Guaranteed)

56' x 5½" Panchromatic £3 per tin
155' x 9" H.S. Pan - £17 " "

All prices incl. Purchase Tax. Orders over £7
free delivery. Width cutting 5/-, 15/-, 25/- per
tin respectively

PLATTS, PAGE & CO. LTD.

175, PICCADILLY, W.1

MAY/feb 2285

BOTTLES RAPIDOL LIMITED

have for sale surplus stocks:—

4000 gross 1-oz. clear glass (1800 with white me-
caps).
2000 gross ½-oz. amber squares with black metal cap.
88 gross ½-oz. hexagonal ambers.
6000 gross ½-oz. clear glass cannons with caps.
1000 gross ½-oz. amber cannons with caps.

For prices and samples please apply to:

PRODUCTION MANAGER,

22, St. Margaret's Road, Hanwell, W.7

Telephone No. EALing 2183

"TELBAT" (BRAND)

ASPIRIN TABLETS

5 GRAINS
LARGE QUANTITIES BULK AND PACKED IN
25's, 50's and 100's FOR IMMEDIATE DELIVERY.

Write: **THREE CROWNS TABLET CO.**
21—25 Derringham Street, Hull

BOTTLES FOR EARLY DELIVERY

New Bottles of all types available for early
delivery. Sizes ½ oz. to 8 ozs. Medicals and
Toilets. Send full details of your requirements,
stating sizes and quantities to Box 164/542,
C. & D. Office.

PRE-PACKING & LABELLING

(We can now accept fresh orders)

LIQUIDS: From Bulk into any size bottle
from ½ oz.

POWDERS & TABLETS: Mixed and packed to customers'
Specifications.

J. H. WISEMAN & CO. LTD.

100 Blackstock Road, Finsbury Park, N.4.

EDIBLE EMULSIFIERS

CHARLES STANTON & CO. LTD.,

249a Mare Street, Hackney, E.8

Telephone: AMHerst 1964

OPTICAL TUITION

FOR THE

S.M.C., B.O.A., and N.A.O. DIPLOMA Examinations

Particulars:—

C. A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O.,
F.I.O., F.C.O., M.P.S.

50 HIGH STREET, BARNET, LONDON, N.

For Sale— Strong medicinal Mint
Tablets, Sugared base,
45 per tin, 5/- per dozen plus
purchase tax. Box No. 1,745 C. & D. Office

This Season!
INFLUCOL



FOR IMMUNISATION

Influcol has been considerably improved in formula and pack. The pellets are now made with yellow coatings for immunisation and coatings for treatment. They are packed in bottles with a beautiful and attractive design.

Veuillez nous consulter sur les exportations.

Sirvanse Vds. consultarnos sobre las exportaciones.

Queiram consultar-nos sobre as exportacoes.

FOR TREATMENT

OF THE COMMON COLD

FLUCOL LTD. • 24, 26, 28, Chapel Street • Bradford • England

Telephone BRADFORD 12028-9. Cables and Grams Kemtheutic Bfd.
Codes A.B.C. (5th and 6th) Bentleys & Smiths.

*Largest Turnover in
the Throat Pastille
Field!*

Veuillez nous consulter sur les exportations.
Sirvanse Vds. consultarnos sobre las exportaciones.
Queiram consultar-nos sobre as exportacoes.



Episeps

EPISEPS LTD. • 24, 26, 28, Chapel Street • Bradford • England

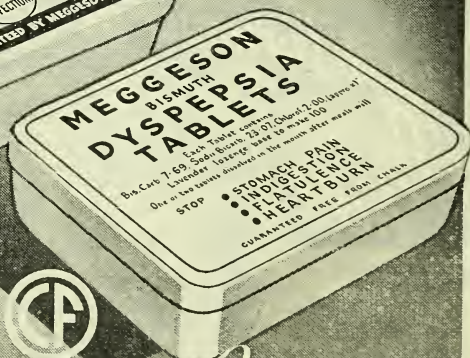
Telephone BRADFORD 12028-9. Cables and Grams Kemtheutic Bfd.
Codes A.B.C. (5th and 6th) Bentleys & Smiths.

THE NAME BEHIND THE CHEMIST



FOR OVER A CENTURY AND A HALF

THE OUTSTANDING PREPARATIONS IN THEIR FIELD



*Recommended with Confidence
by Chemists everywhere*

MEGGESON & CO. LTD., LONDON, S.E.16

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every Copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2.

SEPTEMBER 6
1947

CLASSIFIED ADVERTISEMENTS

The following Revised Rates come into operation as from September 6, 1947.

BUSINESSES for DISPOSAL, BUSINESSES and AGENCIES WANTED, GOODS for SALE (value £5-£50), PARTNERSHIPS, PATENTS, PREMISES to LET, for SALE or WANTED, SITUATIONS OPEN	8/6 for 36 words or less, 3d. for each additional word.
LEGAL NOTICES, SALES BY AUCTION, TENDERS and all SPECIALLY SPACED ADVERTISEMENTS	2/6 per nonpareil line (12 lines=1 in. single column).
AGENCIES, EXPORT TRADE, MISCELLANEOUS SECTION (for Wholesalers, etc., for odd and second-hand lots value not more than £150)	17/6 for 36 words or less, 4d. for each additional word.
SITUATIONS WANTED	3/- for 18 words or less, 1d. for each additional word.

BOX OFFICE NUMBERS, 2/- extra (except Situations Wanted, which is 1/-).

All advertisements must be prepaid.

Advertisements can be accepted up to FIRST POST WEDNESDAY MORNING of week of issue.

Later advertisements will be included in next available issue.

In view of existing paper shortage advertisements should be sent as early as possible accompanied by remittance to

THE CHEMIST AND DRUGGIST, 28 ESSEX STREET, STRAND, LONDON, W.C.2.

SITUATIONS OPEN

6 for 36 words or less, 3d. for every additional word

RETAIL (HOME)

APPLICATIONS are invited from keen, energetic pharmacists, for branch managerial positions. Superannuated permanencies will be offered to selected candidates. Salaries commensurate with ability and experience will be paid. Apply stating in detail particulars to: Superintendent Pharmacist, Leeds Industrial Co-operative Society, Ltd., 6 Albion Street, Leeds.

BALHAM, £4 a week and generous commission for experienced assistant who likes responsibility. Mainly counter work. 9 till 5.45, 5 o'clock Saturdays. 2 weeks holiday after first year. Call or write, Balham Drug Store, 13 Hildreth Street, near the market, and bring references.

CHEMIST, M.P.S., wanted for private clinic. Salary £700 p.a. 5-day week, 10-5.30. Only those able to commence immediately should apply. Lewin Clinic, 48 Portland Place, London, W.1. Phone Langham 1438 for interview.

CHIROPODIST, lady, to take charge of small practice; willing to assist in pharmacy an advantage. Congenial good-class business with prospects. R. W. Oldland, 131 The Broadway, Thorpe Bay, Essex.

EALING, W.5. Qualified assistant required for dispensing and counter. Photographic sales knowledge desirable. No Sunday or Bank Holiday duties. Apply Brucses', Ltd., 28 Broadway, Ealing, W.5.

EXPERIENCED man, preferably qualified, required for high-class West London pharmacy. Excellent prospects and salary. Apply with full particulars to 1/578, C. & D. Office.

HENLEY-ON-THAMES. Dispenser wanted for winter months. Good wages. Fairbairn, Reading Road, Henley-on-Thames.

IMPROVER wanted soon. A junior assistant with many privileges in the Wrexham area. Apply, stating references and salary required, to 1/705, C. & D. Office.

KENYA COLONY. Young pharmacist required by well-known Nairobi retail business. 5 years' contract. Salary £40 rising to £50 per month. Passage paid. No coastal duties. Knowledge of photography an advantage. Reply with full particulars and photo (will be returned) to 1/761, C. & D. Office.

LEWIS & BURROWS require assistants, qualified or unqualified, pricing stockbooks, period 3-4 months from September. Apply 146 Holborn, E.C.1.

ORRIDGE & COMPANY Employment Agency, 184 Strand, W.C.2. Temple Bar 9212/3. Branches at Southampton and Birmingham. Enquiries invited from pharmacists and unqualified persons requiring situations. Many attractive vacancies available. Excellent opportunities existing in progressive permanencies. Locums provided for. No charge to employees except registration fee. Apply to 184 Strand, W.C.2, in first instance.

PAIGNTON, South Devon. Young pharmacist (lady or gentleman) required to assist in good class dispensing business. Apply stating age, experience and salary to J. R. Sarson, 5 Palace Avenue, Paignton.

PHARMACIST required for West End business. Elderly, provided he is active, not objected to. Easy hours. Or young pharmacist requiring West End experience. Apply Superintendent Chemist, Heppells (1932), Ltd., 70 Vauxhall Bridge Road, London, S.W.1.

PHARMACIST manager, take charge of branch North London. Good prospects. No living accommodation. Apply Box 1/341, C. & D. Office.

PHARMACY. Young qualified first assistant required. Good salary (44-hour week), permanent position, congenial conditions, tuition and experience in optics offered. Apply Peterborough Co-operative Chemists Limited.

PHARMACY branch manager required at once. Permanency, Reasonable hours and good conditions. Apply by letter giving full particulars to Secretary, Dewsbury Pioneers' Ind. Soc., Ltd., 43 Northgate, Dewsbury, Yorks.

PORTSEA ISLAND Mutual Co-operative Society, Ltd. Superintendent chemist. Applications are invited for the above post. Membership 70,000. Annual turnover £3 million. Pharmacy turnover £35,000. Central warehouse and 4 branches. Experience in buying and control of branches desirable. Superannuation Fund with transfer scale. Flat available. Salary not less than N.U.C.O. scale. Forms of application to which a letter may be attached by the applicant can be obtained from the Executive Officer, 110 Fratton Road, Portsmouth, not later than 13th September. Endorse envelope "Pharmacy Manager," in top left corner.

QUALIFIED lady or gentleman required to take charge of dispensing department in country business. No Sunday or holiday duty. House available. Full particulars to Bockham, Gt. Shelford, Cambridge.

SEVERAL vacancies occur for pharmacist branch managers in various parts of the London area. Positions offer security of tenure and prospects of promotion. Application in first instance to Superintendent Chemist, London Co-operative Chemists, Ltd., 54 Maryland Street, Stratford, E.15.

SOUTH KENSINGTON. Vacancy for lady assistant for stock-keeping and counter. Call or write Stickland, 41 Thurloe Street, South Kensington. Ken. 4186.

SOUTHPORT. Qualified assistant (lady or gentleman) required for dispensing department of busy up-to-date pharmacy. Excellent opportunity for keen young pharmacist. Permanency. Please apply giving full details in first letter to J. R. Cave (1922), Ltd., 52 Nevill Street, Southport.

UNQUALIFIED assistant required. Male, 25-30 years of age, good experience counter and dispensing, good-class family business. Apply, stating wage, experience, references, etc., Richard Evans, 8 Surbiton Park Terrace, Kingston-on-Thames.

UNQUALIFIED lady assistant required for counter work and dispensing in small Cornish market town near coast. No Sunday or holiday duty. Experience, salary required and references in first letter. 1/767, C. & D. Office.

UNQUALIFIED dispenser and salesman, male or female, middle aged. Apply in writing. James Dawe & Co., Ltd., 106 King's Cross Road, W.C.

UNQUALIFIED assistant with good West End experience required. Mainly counter work and window dressing. Please apply The Superintendent Chemist, Heppells (1932), Ltd., 70 Vauxhall Bridge Road, London, S.W.1. Phone Victoria 2204.

UNQUALIFIED assistant, for busy cash business near Clapham Junction. 45-hour week. State age, experience, and salary required. 1/718, C. & D. Office.

UNQUALIFIED assistant required by London manufacturing chemists. Previous wholesale experience not essential, but applicants must have had good dispensing experience. Five-day week. Full particulars, age, salary, previous experience, in first letter. 1/716, C. & D. Office.

WANTED, for clerical work, chemists' assistants (ladies) able to read prescriptions. Apply National Pharmaceutical Union, 4-5 Queen Square, W.C.1.

LOCUMS WANTED

EXPERIENCED lady or gentleman required for any two consecutive weeks as soon as possible to manage drug store (previously pharmacy) in pleasant holiday resort. Accommodation found if necessary. State wages required. Full details to Sykes, 188 Lord Street, Fleetwood, Lancashire.

WHOLESALE

A LEADING firm of proprietary medicine manufacturers requires the services of two first class representatives (1) for East Midlands and East Anglia, living in Leicester or Nottingham area, (2) for South Midlands (Oxon, etc.) and South Coas living in Hampshire or Berkshire area. Must be fully experienced and have sound connections in these territories with wholesale and retail chemist Co-operative societies, wholesale grocers and allied trades. Car provided. Remuneration by salary an expenses, plus bonus on increased turnover. Superannuation scheme. Letters, giving in confidence fullest personal particulars and salary required, to 1/749, C. & D. Office.

AGENTS calling on chemists required to sell the famous "Marie" all wool sanitary towels. All counties vacant except Yorkshire, Durham Northumberland, Westmorland, Cumberland. Downings, Plane Street, Oldham, Lancs.

APPPLICATIONS are invited from pharmacist for appointment to the representative staff of a well-known company having vacancies in East and West Scotland, North East England and the South Western Counties. Applicants should be under 35 years of age and should have the requisite personality for conducting interviews with the medical and allied professions. Previous experience is not essential as full training will be given. Give full details of experience and salary required in first letter 1/713, C & D. Office.

ASSISTANT for well-known Manchester wholesale manufacturing pharmaceutical chemist unqualified, with retail experience, or qualified. Permanency. 44-hour week. Prospects. State full particulars salary, age, etc. 1/724, C. & D. Office.

ASSISTANT wanted for toilet requisites and chemists sundries department in wholesale warehouse. Must know trade thoroughly, manufacturers and markets to undertake buying. Good prospects and salary. Permanent situation for right man. Apply Managing Director, Angel Warehouse Co., Ltd., 74 Upper Street, Islington, N.1.

ASSISTANT required for routine analysis of pharmaceuticals in the analytical laboratory of C. R. Harker, Staggs & Morgan, Ltd., Emmott Street, London, E.1. Apply stating experience and wages required.

ASSISTANT stock-keeper, preferably under 30, required by wholesale chemists and sundries house, South London. State age, experience, salary required and when at liberty. 1/719, C. & D. Office.

CHEMIST (M.P.S.) required to take charge of poisons department. Must have a sound knowledge of D.D.A. requirements. Permanent post. Application with details of age, experience and salary required, to Wyleys, Ltd., Wholesale Manufacturing Chemists, Coventry.

CHEMIST required by firm of manufacturing chemists specialising in proprietary cosmetics with world-wide distribution. Applicants should have had previous experience, be capable of taking charge of the laboratory and carrying out research work on own initiative. The post offers good prospects for keen, energetic and ambitious worker. Send copies of testimonials with full details of experience. State salary required. Box 845, L.P.E. 110 St. Martin's Lane, W.C.2.

CHEMIST with B.Sc., or pharmaceutical qualification required for alkaloid manufacture. The work will comprise the analytical control of raw materials, intermediate and finished products. Write, stating age, qualifications, experience, etc., to J. F. Macfarlan & Co., 4 Warwick Road, Boreham Wood, Herts.

DEMONSTRATOR required to call on dentists. Applicants should be single, 25-35, willing to travel Continent, have good knowledge languages & experience in calling on professional men. Salary and expenses; no commission. 1/586, C. & D. Office.

DRUGS counter hand (male) wanted for wet counter. Union rate of pay. Five-day week. Southall Bros. & Barclay, Chalford Chemical Works, Alum Rock, Birmingham.

FIRST-CLASS representatives required by well-known nationally established wholesalers and manufacturers distributing to chemists, stores, Co-ops, etc. Vacancies in (1) Lancashire; (2) Yorkshire; (3) Cheshire and North Wales; (4) Eastern Counties. Only experienced salesmen with existing connections considered. Own car desirable. Present counts handed over. Repeat business assured. Generous salary, commission, expenses, and advancement to right men. Apply stating full details, previous experience, in confidence to 1/755, C. & D. Office.

GENERAL manager required by firm specialising in proprietary cosmetics with world-wide distribution. Applicants should have held an executive position with a similar concern and be thoroughly experienced in all phases of the proprietary goods business. The post offers good prospects for a keen, energetic and ambitious worker. Send copies of testimonials with full details of experience. State salary required and date when available to Box 849, L.P.E. 110 St. Martin's Lane, E.C.2.

GEORGE BELL'S pet remedies. Applications are invited from salesmen of proved ability, high integrity and smart appearance for vacancies on sales staff. Established connection on all territories available. Remuneration—salary, expenses, bonus. Apply Sales Director, Bell & Sons, Ltd., Silverdale Works, Liverpool, 13.

ADY representative for London area required by firm manufacturing sanitary towels. Connections with drapery trade and departmental stores essential. Write stating full details of experience, etc., to 1/746, C. & D. Office.

MANUFACTURERS of pharmaceutical specialities near Liverpool have a vacancy for a pharmacist (Ph.C. or B.Pharm. preferred) for work connected with the manufacture of tablets, injections, etc. Possibility of transfer to London later. Apply in first instance to Messrs. Ward, Blenkinsop & Co., Ltd., 6 Henrietta Place, London, W.1.

MANUFACTURERS of nationally advertised C.F. line, selling to wholesale and retail chemists, have vacancy for experienced full-time traveller with live connection in South London and South East England. Knowledge of grocery trade an advantage. Apply, stating experience and salary required, to Box No. P.350, Erwoods, Ltd., 211 Cecil Road, London, W.1.

MANUFACTURERS of the most attractive range of pharmaceutical specialities invite applications for following territories: (A) Scotland. (B) Wales. (C) Lancashire and Cheshire. Sole agencies on generous commission terms to selected applicants. Only thoroughly reliable and conscientious salesmen, with established retail and wholesale connections, able to produce indisputable references, will be considered. Existing accounts transferred. Write in confidence to Sales Manager, stating age, experience, lines carried, if car owner. 1/701, C. & D. Office.

MANUFACTURING chemists require first-class representatives in (a) Notts and Derbys; (b) Lancashire; (c) Bristol and S.W. England. Essential qualifications, first-class, live, energetic men capable of large turnover with established connection with chemists, hairdressers, grocers, ironmongers, etc. Own car essential; salary car allowance, expenses, and commission. Send full details, experience, age, etc., with first letter. Write, 1/624, C. & D. Office.

MANUFACTURING chemists, N.W. London, require the services of an energetic and experienced pill maker, capable of taking control. Write, giving details of age, experience and salary required. 1/762, C. & D. Office.

MANUFACTURING chemists in North London require woman pharmacist as second assistant in the dispensing and light manufacturing department. Salary according to age and experience. Write Box 552, Dorland, 18 Regent Street, S.W.1.

MEDICAL representative required by Scottish manufacturing chemists to cover Scotland and North of England. Previous experience necessary. Salary and expenses. Write, giving full particulars, to Box 960, White's, Ltd., 72/78 Fleet Street, London, E.C.4.

NEWCASTLE-ON-TYNE. Applications invited from chemists for vacancy in manufacturing and wholesale drug department. Experience in manufacture and analytical work preferable. Apply, stating full experience, age and salary required, to The Secretary, Messrs. Wilkinson & Simpson, Ltd., Low Friar Street, Newcastle-on-Tyne.

ORDER clerk required by old established manufacturers near Liverpool Street Station. Permanent post. Five-day week. Apply 1/751, C. & D. Office.

PARTLY qualified or unqualified laboratory assistant for pharmaceutical house in South West London, knowledge of vitamin assay or organic synthesis an advantage. Full particulars to Box 819, Smith's, 100 Fleet Street, London, E.C.4.

PRIVATE secretary to managing director of cosmetic manufacturers, London, W.1. Expert shorthand-typing and good general education essential. No Saturdays. Permanent and progressive post. Write fully, 1/679, C. & D. Office.

PROCESS worker required, used to tinctures and galenicals in general. Five-day week. Union rate of pay. Southall Bros. & Barclay, Chalford Chemical Works, Alum Rock, Birmingham.

PROGRESSIVE firm with many accounts open (chemists only) in Birmingham and Midlands require representative not afraid of hard work; every assistance given; progressive appointment. Small salary and good commission. Another agency not objected to. 1/709, C. & D. Office.

QUALIFIED pharmacist required for ampoule and hypodermic tablet department of Wright, Layman & Umney, Ltd. Pension scheme and 44-hour 5-day week in operation. Apply with full particulars of age, experience, etc., to 66/76 Park Street, Southwark, S.E.1.

QUALIFIED pharmacist required for ampoule and hypodermic tablet department of London manufacturing chemists. Pension scheme and 44-hour 5-day week in operation. Apply with full particulars of age, experience, etc., to 1/704, C. & D. Office.

QUALIFIED manager of wholesale department requires unqualified assistant, male or female, for general duties. Sound knowledge of pharmacy necessary, especially the wholesale side. Young, active, single man or woman preferred on account of housing shortage. Apply with copies of references and stating salary required to Fairbank Kirby, Ltd., Ropery Street, Grimsby. Tel. 3855.

REPRESENTATIVE required by manufacturing and distributing company for the area of North Wales, Cheshire, Stafford, Shropshire, part of Yorkshire. Must have live connection among pharmaceutical trade. Retail and wholesale. Remuneration, salary, commission and expenses. Write, stating full details, age and experience, 1/758, C. & D. Office.

REPRESENTATIVE, part-time, required, calling on chemists and stores in London and district, to handle additional lines in medicinal tablets and pills on generous commission terms. Write 1/756, C. & D. Office.

R. J. REUTER, CO., LTD., "4711" Factory, Trading Estate, Slough, Bucks, have a vacancy for a laboratory assistant. Academic qualifications are not essential. Some previous laboratory experience is desirable. The work will consist mainly of the analysis of raw materials, control tests, and formulation of new products under the direction of the chief chemist. Applicants please state particulars of age, experience and salary required. Applications will be treated as strictly confidential.

REPRESENTATIVE urgently required by manufacturers of ethical preparations for specialised work amongst factory medical officers. Apply by letter, giving full details of experience and qualifications, to Box 808, Smiths', 100 Fleet Street, London, E.C.4.

REPRESENTATIVE. A good opening occurs for a full-time representative to call upon retail and wholesale chemists. Permanent position and good prospects with a well-known London firm of manufacturing chemists. Remuneration by salary and commission plus expenses. Applicants should have first-class connections and reside on the following territory: Midlands and South Wales. Car owner preferred. Full details stating age, experience, etc., to 1/729, C. & D. Office.

REPRESENTATIVE required by well-known manufacturing chemists, to take over existing connection in Northern Ireland (present representative retiring) calling on chemists, doctors, veterinary surgeons and hospitals. Reply stating age, experience and salary required, 1/714, C. & D. Office.

REPRESENTATIVE, with connections for pharmaceutical chemicals, galenicals, etc., with chemists, doctors, vets, and dentists in Kent, Surrey, S.W. and S.E. London areas, is required by manufacturing and wholesale chemists. Send full particulars of experience, turnover, etc., to 1/706, C. & D. Office.

SURGICAL instruments. An opportunity occurs for a young man with knowledge of instruments to take control of packing department and supervise export sales. Write in first instance details of experience to 1/726, C. & D. Office.

TABLET maker. Experienced man required, London, N.W. district. (5-day week). Knowledge of granulating, use of single punch, also rotary machines. Permanency. Write, stating age, experience and salary required, 1/763, C. & D. Office.

TABLET maker required by London manufacturing chemists. Able to take responsibility. Apply stating experience, age and salary to 1/755, C. & D. Office.

THE British Drug Houses, Ltd., require chemists of B.Sc. or equivalent qualifications in production, research and analytical departments; experience desirable but not essential. A vacancy exists for a pharmacist with Ph.C. or M.P.S. degree in the galenical laboratory. Laboratory technicians also required with Inter B.Sc. qualifications. Please forward record of qualifications and past experience to the Personnel Manager (Ref. P), Graham Street, City Road, N.1.

UNQUALIFIED assistant required for pharmaceutical speciality manufacture by London manufacturing chemists. Apply giving full particulars to 1/752, C. & D. Office.

WANTED by a leading ethical pharmaceutical house, a medical representative for the West End of London. Preferably a pharmacist with experience in interviewing doctors and hospitals. Salary and expenses will be generous and commensurate with experience. The company's staff have been notified of this vacancy. Please send full details concerning age, experience, qualifications, etc., in confidence, to 1/627, C. & D. Office.

WRITER for medical and technical literature is required by Glaxo Laboratories, Ltd. Scientific qualifications are not important, but advertising experience and a high standard of writing are essential. Send three samples of best work (published or not) when applying. State personal details and salary required. Write (do not 'phone or call) to Publicity Services, Glaxo Laboratories, Ltd., Greenford Road, Greenford, Middlesex.

YOUNG lady or gentleman required as assistant to manager of ethical pharmaceutical firm in N.W. London. Good prospects for right applicant. Interesting work. Give full details to 1/741, C. & D. Office.

WHOLESALE (OVERSEAS)

INDIA. Young single man required for position as sales executive in Indian branch. Pharmaceutical qualification and high standard of physical fitness required. Three years' agreement for first term with passage out and home, and permanency in prospect. Send full personal details including age, education, commercial experience and qualifications, to Personnel Manager, Allen & Hanburys, Ltd., Bethnal Green, London, E.2.

OPPORTUNITY for young pharmacist with energy and initiative to join staff of go-ahead British agent in Malaya of universally known ethical manufacturers. Suitable applicant would be asked to undergo period of training in London and Malaya and would be later called upon to organise sales in this territory; must be in good health, preferably under 30 and single. Please give full details of career, education, qualifications and salary required, to 1/699, C. & D. Office.

PLANT chemists urgently required for process plant operations by large company operating in the Middle East. Applicants need not be graduates but should have had a chemical training up to Inter B.Sc. or National Certificate Standard with experience of shift work in either a gas, coke oven or chemical works. Age not over 30. Salary in sterling between £540 and £600 per annum plus generous allowances in local currency, with free furnished bachelor accommodation, passages out and home, medical attention, also kit allowance and provident fund benefits. Apply stating age, qualifications and experience, etc., to Dept. F.22, 162/461, C. & D. Office.

SITUATIONS WANTED

3/- for 18 words or less, 1d. for every additional word

RETAIL (HOME)

DISPENSER (Hall) requires work 3-4 afternoons weekly. Well-experienced, ex-Service. Advertiser, Purbeck, 2c Elm Road, Wembley, Middlesex.

DISPENSER, young, experienced hospital and general practice, requires good post, preferably Hertfordshire. Excellent testimonials. Miss L. Reeve, "Woodleys," 3 Manor Road, Tring. Tel. Tring 2099.

ASSISTANT (37), unqualified, competent dispenser, counter, etc. Ex R.A.M.C. 16 years' experience all branches; excellent references. Bedford, Exmouth or Exeter districts. 1/744, C. & D. Office.

EXPERIENCED, capable assistant (unqualified) requires position in high-class dispensing business, West London area, chiefly for dispensing and stock. Prepared to make an investment in suitable business. 1/688, C. & D. Office.

LOCUMS SEEKING ENGAGEMENTS

DISPENSER-SECRETARY (lady), Hall certificate; experienced; has few dates available for doctors, hospitals or baby clinics. Roynon, 112 Maryland Road, N.22. Phone Bowes Park 1320.

WHOLESALE

AMBITIOUS young man, aged 36, thorough experience of drug trade, seeks position as office manager with London manufacturing chemists. Salary £500 p.a. 1/740, C. & D. Office.

ARE you eager to employ a real live traveller? I have the largest connection with chemists, and covered Somerset, Wilts, Devon, Dorset and Cornwall. Salary, commission and expenses. Only manufacturers of repute please reply. Wholesalers, do not waste my time. 1/757, C. & D. Office. **CHEMIST** requires part-time employment. Box 1/766, C. & D. Office.

CHEMIST, long experienced in formulating and manufacturing cosmetics with well known firms, responsible position. 1/748, C. & D. Office. **CONTINENTAL** representative. Advertiser, British, has several years foreign retail and representative experience; fluent French, Spanish and Italian; wishes to contact British firm seeking to increase export trade. Box 1/691, C. & D. Office.

COSMETIC chemist, fully experienced, seeks position. Box 1/765, C. & D. Office.

SEE. Qualified assistant chemist, highly experienced, wholesale and retail, desires progressive appointment as Area representative for house of good-class lines. 1/770, C. & D. Office.

EXECUTIVE post with scope desired by Ph.C. 44). Twenty years' successful record in publishing, sales, intelligence and allied fields with two large manufacturers. Hard worker and good manager, able to lead sound staff enthusiastically. Extensive knowledge of pharmaceutical and general allied industry. Practical grasp of modern management with proved constructive and innovative outlook. Box 1/723, C. & D. Office.

PORT. Gentleman, 38, offers part or full time service to manufacturers anxious to develop export. 1/743, C. & D. Office.

PORT manager or export sales manager. Man aged 36, sound knowledge of market research, procedure and control of staff. 21 years' experience with prominent companies, seeks position with scope for initiative, experience and development. Resident experience in Middle East and South Africa. 1/687, C. & D. Office.

GENTLEMAN, age 37, requires post as representative for well-established house. Excellent references. Connection with chemists in North, South-West, West, Central, and South-West London (north of the Thames) and part of Middlesex. 1/743, C. & D. Office.

MEDICAL representative, experienced, calling upon doctors, hospitals and chemists, South-West. Good medical knowledge, fluent speaker. 1/769, C. & D. Office.

REPRESENTATIVE over 20 years' experience in London, Home and S.E. counties, seeks position with well-known firm. Salary, expenses on commission basis. Used to handling medicines, pastilles, etc. 1/735, C. & D. Office.

SLES manager, sound sales record, administrative experience, and sales promotion methods, for change. Offers to 1/733, C. & D. Office.

WELL-CONNECTED and influential representative, North and South Wales, Liverpool and Manchester, at present resident Swansea, desires position. Very energetic, but quota restrictions on that house limit activities to a minimum. Extensive education and appearance and known personally to majority of directors and principals of firms, chemists and wholesale houses on above territory. Personal, professional and banker's references of the highest order. Available at short notice. Offers are invited from houses of repute to require first-class representation in any of these areas. Please write fully to 1/771, C. & D. Office.

WORKS chemist, experienced in manufacture of fine chemicals and pharmaceuticals, requires post. Box 1/764, C. & D. Office.

APPOINTMENTS

ASSISTANT, HALL, required from September 15-September 20 inclusive. Salary according to Joint Negotiating Committee. Apply East Ham Memorial Hospital, Shrewsbury Road, London, E.7.

COUNTY BOROUGH OF WEST HAM.

LOCUM ASSISTANT PHARMACIST (MALE).

Applications are invited for the above post at Central Home, Union Road, Leytonstone, E.11, and Forest Gate Hospital, Forest Lane, Forest Gate, E.7 (Joint appointment).

Salary £8 8s. per week.

The duration of employment will be from September 15, 1947, for an indefinite period.

The post is governed by the Council's service regulations.

Applications stating age, qualifications and experience, to be sent to Medical Officer of Health, 225 Romford Road, West Ham, London, E.7.

E. E. KING,
Town Clerk.

West Ham Town Hall,
Stratford, London, E.15.

COUNTY OF BRISTOL.

DEPARTMENT OF PUBLIC HEALTH.

Applications invited for following appointments: **FRENCHAY GENERAL HOSPITAL, FRENCHAY, BRISTOL** (over 500 beds). In course of development (now includes thoracic unit, neuro-surgical unit, T.B. observation wards, V.D. wards, ward for long-stay patients). Hospital administered by Bristol Corporation as agents of Ministry of Health.

CHIEF PHARMACIST, salary scale £485 x £20 x £585 p.a. Not less than three years' hospital experience since qualifying.

ASSISTANT PHARMACIST, salary scale £370 x £15 x £20 x £450 p.a.

Salary scales and conditions of service in accordance with recommendations of Joint Negotiating Committee (Hospital Staffs).

Application forms obtainable from undersigned, to be returned by September 20, 1947. R. H. PARRY, Medical Officer of Health, Kenwith Lodge, Westbury Park, Bristol, 6.

KENT COUNTY COUNCIL

ASSISTANT PHARMACIST

Applications are invited for the following appointment at the County Pharmacy, County Hall, Maidstone.

ASSISTANT PHARMACIST (M.P.S. or Ph.C.) (Male). Hospital experience preferred. Salary £370 a year by four increments of £15 and one of £20 to £450 a year. Superannuation. Medical examination necessary.

Applications, stating age, qualifications, experience and the names and addresses of two responsible persons to whom reference may be made as to professional ability, to be sent to the County Medical Officer, County Hall, Maidstone, as soon as possible.

W. L. PLATTS,
Clerk of the County Council.

County Hall,
Maidstone.
August 28, 1947.

KING'S COLLEGE HOSPITAL, DENMARK HILL, LONDON, S.E.5.

ASSISTANT PHARMACIST required. Salary and hours in accordance with the J.N.C. revised scale. Federated superannuation scheme in force. Applications, with details of experience, should be sent to The Pharmacist at the above address.

LOCUM PHARMACIST required by MIDDLESEX COUNTY COUNCIL for WEST MIDDLESEX COUNTY HOSPITAL, ISLEWORTH, Middlesex, for approximately 3-5 weeks, commencing September 8. J.N.C. salary £7 2s. 4d. p.w. to £8 13s. p.w. inc., according to experience. Apply to Chief Pharmacist of Hospital (quoting C. 588 CD).

LONDON COUNTY COUNCIL

PART-TIME ASSISTANT PHARMACIST required for duty at Leavesden Hospital, Abbot's Langley, Herts; Tooting Bec Hospital, Tooting Bec Road, S.W.17; and St. Lawrence's Hospital, Caterham, Surrey. Candidates must be registered pharmacists. Wages—5s. 6d. an hour for a maximum of 21 hours a week. Apply to Physician Superintendent at Hospital.

MIDDLESEX COUNTY COUNCIL

ASSISTANT PHARMACIST for HAREFIELD COUNTY HOSPITAL, Harefield, Middlesex (Registered essential), J.N.C. (Hosp. Staffs) salary £370 inclusive; annual increments up to £450 p.a. considered. Similar experience may determine commencing salary. Recently qualified pharmacists eligible. Whole-time, unestablished, possible establishment; subject to medical examination. Application stating age, quals., exper., with copies of up to 3 recent testimonials to MEDICAL DIRECTOR at Hospital, IMMEDIATELY. No forms (quote C 292 C D).

C. W. Radcliffe,
Clerk of the County Council.

Middlesex Guildhall, S.W.1.

MIDDLESEX COUNTY COUNCIL.

REGISTERED ASSISTANT PHARMACIST for CENTRAL MIDDLESEX COUNTY HOSPITAL, Park Royal, N.W.10. Similar experience may determine commencing salary. J.N.C. (Hosp. Staffs) inclusive scale £370 x £15—£450 p.a. Wholtime, established and pensionable, subject to medical examination. Application stating age, qualifications, experience, with copies of up to three recent testimonials, to MEDICAL DIRECTOR of Hospital by 13th September. No forms. (quoting C.557 CD).

C. W. RADCLIFFE,
Clerk of the County Council.

Middlesex Guildhall,
S.W.1.

NOTTINGHAM GENERAL HOSPITAL.

ASSISTANT required in pharmaceutical department. Apothecaries Hall Certificate. Duties partly clerical and partly dispensing. Knowledge of typewriting preferred. Salary commencing £270 per annum. J.N.C. scale. Apply full particulars by letter to the House Governor and Secretary.

PHARMACIST-IN-CHARGE (single-handed) required at LODGE HOSPITAL, ORSET nr. Grays, Essex. Applicants should have not less than three years' hospital experience after qualifying as a pharmacist. Salary £420 p.a. by 5 annual increments of £15 to £495 p.a. Applications to G. E. Pegram, Esq., Social Welfare Department, Waterloo Lane, Chelmsford, Essex.

PHARMACISTS (holiday relief) wanted ESSEX COUNTY COUNCIL HOSPITAL, WANSTEAD, LONDON, E.11, from September 15 to October 4 inclusive. Inclusive salary £8 8s. per week. Applications to Medical Superintendent as soon as possible.

SURREY COUNTY COUNCIL

ASSISTANT PHARMACIST required at:—EPSOM COUNTY HOSPITAL, Dorkin Road, Epsom.

ST. LUKE'S HOSPITAL, Guildford.

Commencing salary on grade £370 x 15—£430 x 20—£450 p.a. inclusive. Application in writing stating age, qualifications and experience, with a copy of not more than three recent testimonials should be sent to the Medical Superintendent of appropriate Hospital.

THE WEST RIDING OF YORKSHIRE HOSPITALS BOARD.

WHARNCLIFFE EMERGENCY HOSPITAL AND WADSLEY MENTAL HOSPITAL.

APPOINTMENT OF ASSISTANT PHARMACIST

Applications are invited from suitably qualified persons for the position of Assistant Pharmacist in the Joint Pharmaceutical Department of the above Hospitals.

Salary according to experience and within the scale recommended by the Joint Negotiating Committee (Hospital Staffs), i.e., £370 rising by 4 increments of £15 and a fifth increment of £20 to a maximum of £450 per annum inclusive.

Written applications, giving full details of qualifications, experience, etc., should be addressed as soon as possible to the MEDICAL SUPERINTENDENT, WADSLEY MENTAL HOSPITAL, together with the names and addresses of three persons to whom reference may be made.

G. L. BANNER,
Clerk of the Board.

Board Offices,
Wakefield.
August, 1947.

AGENCIES

17/6 for 36 words or less, 4d. for every additional word.

AGENT with chemists' connections required to carry an additional line of small cosmetic bottles. Write full particulars first application to 1/738, C. & D. Office.

AGENTS for Greece. We are now able to accept agencies in Greece for British firms manufacturing the following products: Chemists', Druggists' and Veterinary supplies. Scientific instruments (chemical and surgical). Any firms requiring such agencies are invited to contact Dr. Thal Cassimatis, Chemist and Druggist, 8 Skoufou Street, Athens, Greece.

WANTED. sound connection chemists and stores, northern counties, requires extra line. Prefer to manufacturer. 1/697, C. & D. Office.

WESTBURY, established wholesalers having good warehouse space, supplying chemists, beauty parlor, etc., South-West areas, desire appointment stockists and distributors of nationally advertised cosmetic preparations. CML, Tavistock, n. 1/657, C. & D. Office.

WESTBURY, MANUFACTURERS of range of established branded toilet preparations seek agents, call on chemists, hairdressers and stores, interested in carrying additional lines on liberal commission.

Territories reserved. 1/721, C. & D. Office.
WESTBURY, NORTHERN IRELAND and Eire. Manufacturers, etc., interested representation this territory please contact experienced representative of long London house, now establishing free-lance agency. Thorough coverage guaranteed by first-industry salesman. Travelling England and Ireland. Personal interviews invited. 1/715, C. & D. Office.

WESTBURY, LES manager and chief sales representative, recently associated with a reputable firm, are developing a first-class sales agency, and are interested in negotiating agencies for non-competitive products of repute, selling to chemists, co-operative societies, stores, etc. 100 per cent. distribution with good results guaranteed for sole agents. Offers to 1/734, C. & D. Office.

WESTBURY, SOUTH AFRICAN advertiser requires agencies near British manufacturers of medicinal, pharmaceutical and cosmetic preparations, drugs, chemicals, etc. 1/732, C. & D. Office.

WESTBURY, ILL-KNOWN Scottish company, manufacturing established lines of adhesive dressings are desirous of appointing agents in various territory throughout England. Please state full particulars territories covered, number of representatives, to Ultraplaster, Ltd., 214/216 West Regent Street, Glasgow, C.2.

BUSINESS OPPORTUNITIES

For 36 words or less, 4d. for every additional word

WESTBURY, APPLICATION invited from a London firm to undertake the manufacture and packing of two dietary articles (liquids) the sales of which will be arranged if necessary organisation not available. 1/736, C. & D. Office.

WESTBURY, ASSISTANT to owner of small pharmaceutical manufacturers/exporters required, North London. Previous experience sales, professional conducting advertising copy. Full particulars, age, to 1/584, C. & D. Office.

WESTBURY, WE have got a sound and original idea for consistently increasing your number of permanent customers? If not, let me help you. I can send a detailed, sales-productive innovation which rapidly increase the turnover and individuality of your pharmacy. Details forwarded on request. 1/737, C. & D. Office.

WESTBURY, ESSRS. HOOK SPREADBURY & CO., of 45 Pickford Lane, Bexleyheath, Kent, are desirous of contacting bona fide manufacturer with a view to selling their products on a wholesale basis. Area covered from Kent to Cornwall inclusive.

WESTBURY, NATION-WIDE sales organisation with remarkable record of successful merchandising is open to consider one or two lines. Only branded lines with possibilities of big permanent business are considered. Box S.551, c/o Erwoods, Ltd., 211 Finsbury, London, W.1.

WESTBURY, PUTABLE London laboratory seeks manufacturing house with facilities to undertake production and distribution of outstanding formulas ready for development. Products will interest both chemist and grocery traders. 1/631, C. & D. Office.

WANTED. Technical advice on lay out, class of machinery, etc. Pharmaceutical manufacturing laboratory, and packing for estimated 2,000,000 population. No personal supervision required. Please state fees first instance. Practical ability and experience preferable. 1/710, C. & D. Office.

WEE-KURA, LTD., Knaresborough, require one or two wholesalers to take surplus stock from export. 1. 2/- Foot Salts, 168/- gross. 2. Gents 1/4 and Ladies 1/3 Pine Needle Insoles, 108/- and 98/- gross. 20 gross lots less 15% and 5% cash.

BUSINESSES FOR DISPOSAL

£/6 for 36 words or less, 3d. for every additional word

DRUG store for sale, East coast town. Established 45 years, owner retiring. Opportunity to add photography. Splendid accommodation; bathroom, four bedrooms, sitting room, dining room, brickbuilt warehouse and large shed at rear. Space for garage. Ideal opportunity for young man starting in business. Price, including freehold and goodwill, £3,000. Stamped addressed envelope for reply. 1/703, C. & D. Office.

MANUFACTURING chemists and wholesalers' business with cosmetics quota and well introduced trade mark. If required, together with freehold and vacant possession of seven newly decorated and well furnished rooms, etc. C.H. and C.W. near West End. Owner going abroad. 1/202, C. & D. Office.

OLD-ESTABLISHED business in shopping street, London, W.C., returning £3,000 p.a., and increasing. Rental of £110 p.a. more than covered by sublets of flats above. Rates £76 p.a. Lease 7½ years (renewable). Good reason for disposal. 1/731, C. & D. Office.

TO pharmacists only. An opportunity occurs to purchase a really high-class drug store in busy coastal town (not seasonal), with all first-class agencies, cosmetics and profitable side lines, family prescribing. Freehold corner premises in excellent condition on main road; good living accommodation, garden and garage space; large up-to-date stock. Great scope; no opposition; owner retiring. Price £5,500 all at or near offer. Full particulars to genuine applicants. 1/742, C. & D. Office.

WELL established company of toilet preparation manufacturers. Chief product a patented, non-quota line in big demand, showing substantial profits, present turnover approaching £50,000, easily capable of £100,000, for sale with large stocks of raw materials. Principals only. 1/750, C. & D. Office.

MISCELLANEOUS SALES

17/6 for 36 words or less, 4d. for every additional word

OFFERED. Surplus to requirements, 35 1-cwts. extract of malt. Offers wanted. Box 1/708, C. & D. Office.

TO clear, 25 gross 1½ drachm perfume bottles of French manufacture, with black bakelite caps. 1/739, C. & D. Office.

SURPLUS. Two triple granite roll mills — one 20 in.—one 24 in., in full working order, 5 h.p. electric motor, 230 volts, single phase. Also automatic tableting machine. Apply 1/730, C. & D. Office.

SURPLUS stock for sale: 56 lb. Terpeneol (perfumery quality); 4 cwt. Lactose B.P.; 4 cwt. Glyceryl Mono-Laurate, food and drug quality; 2 cwt. Phenacetin B.P.; 6 cwt. Aspirin Grans B.P.; 2 drums Amber Petroleum Jelly B.P. 1/712, C. & D. Office.

SURPLUS. For sale, 60 gross, 2-oz. bottles, wide necks. 32 gross pomade jars. Charles Alexander & Co., Ltd., 74 Portsmouth Road, Surbiton, Surrey. Elmbridge 5764.

TRIPLE roll mill by Beyer Freres, Paris. Granite rolls 16 in. x 7 in. Fast and loose pulleys 3 in. x 17 in. £65. Gordon-Moore & Co., Portland House, 31 Sinclair Road, London, W.14. Shepherds Bush 1131-1132.

40 GROSS 2-dm. perfume bottles, very attractive, complete with plastic caps and wads at 30/- per gross; 25-gross 4-oz. medical flat bottles, complete with best caps at 50/- per gross. 1/659, C. & D. Office.

150 GROSS 2-oz. amber jars, complete black cap, 28/6 plus carriage. 50 gross 4-oz. amber jars, complete black cap, 37/6 plus carriage. 1 ton amber pet. jelly; 6 cwt. pot. carb. and half-ton beeswax. What offer? 1/760, C. & D. Office.

100,000 SHEETS transparent film, 7½ in. x 3½ in. Offers required. Also 2 cwt. sulphated fatty alcohol powder, 2s. per lb. Sundry types and sizes of surplus cartons printed and plain. 1/723, C. & D. Office.

WANTED

8/6 for 36 words or less, 3d. for every additional word

A BIG price offered for home cines, cameras, or projectors. Bell-Howell, Kodak, G.B., etc. Also Leica, Contax and other precision cameras, enlargers, exposure meters, etc. Prompt cash. Wallace Heaton, Ltd., 126-7 New Bond Street, London, W.1.

A FEW tons pool 30 technical white oil urgently required. Full particulars to 1/737, C. & D. Office.

AUTOMATIC cream filler wanted at once; big price paid. Shavex Co., Bavaria Road, Holloway, N.15.

BARIUM carbonate 98/100 prec. Caustic soda flakes and solid, sodium sulphide 60/62, soda bicarbonate B.P. and commercial. Write 1/722, C. & D. Office.

GLYCERINE — industrial pale straw or B.P.: urgently required. State price and quantity (1cwt. minimum). George Rice, Ltd., Hudson Bay Works, Warton Road, Stratford, E.15. Telephone: Maryland 1222.

GLYCERINE wanted, any quantities taken of B.P. quality. Cash by return. State quantity available and price required to 157/296, C. & D. Office.

LIQUORICE and menthol pellets required in bulk. 1/640, C. & D. Office.

ROTARY pelleting machines. 1/717, C. & D. Office.

SACCHARIN tablets. Standard strength, 2 gr. 550 required by private pharmacist. Regular weekly supplies if possible. Cash on delivery or against pro-forma invoice if references supplied. Write in strict confidence to 1/754, C. & D. Office.

STEARIC acid triple pressed required in large quantities. 147/850, C. & D. Office.

URGENTLY required, any quantity of pure aneurin hydrochloride (vitamin B1). A regular supply desired for product of own manufacture. Willing to offer surplus stock of pure ascorbic acid (vitamin C) in exchange for aneurin. State quantity available and price to Box 1/695, C. & D. Office.

WANTED. Machine for sifting and blending dry powders; Gardner's make preferred; full particulars to 1/747, C. & D. Office.

WANTED. RD3 Manesty or similar type of tablet machine. Apply 1/707, C. & D. Office.

WANTED urgently: 10 gross each stoppered C.M. 20 oz. bottles. Must be amber, shape. Good price paid. Reply 1/435, C. & D. Office.

WANTED urgently. Supplies of witch hazel methyl ethyl ketone. Reply 1/720, C. & D. Office.

26-OZ and 13-oz. wine or champagne bottles required. 625/524, C. & D. Office.

SALES BY AUCTION

2/5 LITTLE BRITAIN (close to G.P.O.), LONDON, E.C.1.

SHOP EQUIPMENT

Plate Glass Counters and Showcases, Mirror Cash Tills, useful mahogany panelling, Office Effects.

B. NORMAN & SON

will sell by Auction at their Sale Rooms above, Wednesday, 24th September, at 1 p.m. View day prior. Catalogues (3d. post free) on application. Tel. MON. 8501.

By direction of the Minister of Supply.

EXETER. DEVON.

A large quantity of Miscellaneous Surplus

GOVERNMENT STORES AND EQUIPMENT

including Vehicles, Tyres and Tubes, Forklift Transporters, Medical Stores, Manila and Sisal Rope, Kitchen and Canteen Utensils, Paint, Varnish and Enamel, Sulphuric Acid, Brak Fluid, Anti-Freeze.

To be sold by auction, from catalogue, without reserve, by

RIPPON, BOSWELL & CO., F.A.I.

At the Lower Ballroom, The Rougemont Hotel Exeter, on Tuesday and Wednesday, September 16 and 17, 1947, at 11 a.m. each day.

On view, by catalogue only, at M.O.S. Depot 156 (Royal Naval Store Depot), Topsham Road Countess Wear, Exeter, September 11, 12 and 15: 9.30 a.m. to 4 p.m. each day. Catalogue (price 6d. each), admitting one person to Sale Room and two for viewing, obtainable from the auctioneers, 8 Queen Street, Exeter. Telephone 3204 or 3592.

PREMISES TO LET

8/6 for 36 words or less, 3d. for every additional word

PART chemist's premises to let. 4 rooms above 2 ground floor rear, separate entrance. Main road suburb W. London. Technical supervision experienced assistants if required. Apply 17 T Grove, Isleworth, Middlesex. Phone EAL 2607.

PARTNERSHIPS

PHARMACEUTICAL chemist, recently demobilised, wishes to purchase or acquire an active interest in a manufacturing, wholesale, import or exporting concern, chemical or pharmaceutical £10,000 capital available. 1/759, C. & D. Office.



IMPERIAL LEATHER

HAND-FINISHED

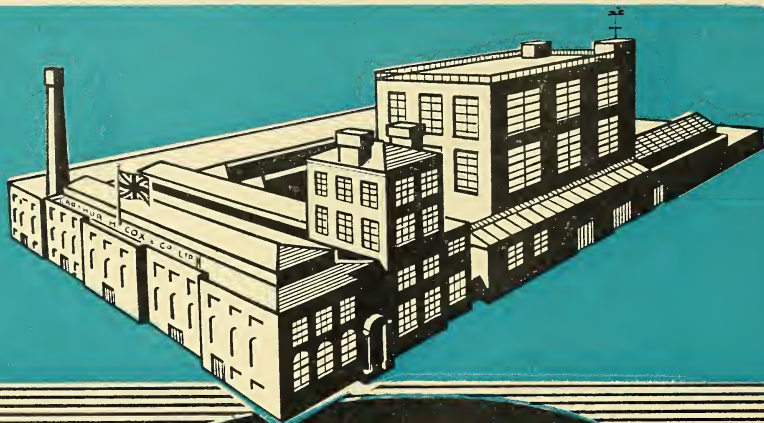
Toilet Soaps

The Imperial Leather Toilet Soap made by Cussons has a consistent record of success. The steadily expanding market for this product indicates a widespread appreciation of really fine hand-finished Toilet Soap.



Cussons

Cussons Sons & Co. Ltd, 84 Brook Street, Grosvenor Sq, London W.1



YEARS OF INTENSE
SPECIALIZATION IN
PILL & TABLET
MAKING

*From the experience gained
has developed the ever
growing production of*

COX

OF BRIGHTON

ARTHUR H. COX & CO. LTD., BRIGHTON

MANUFACTURING CHEMISTS

